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UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH SERVICE

PLANT QUARANTINE BRANCH

SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1954

(List of Pests Recorded from July 1, 1953, through June 30, 1954 as Intercepted in, on, or with Plants and Plant Products Entering United States Territory)

Compiled by

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Plant Quarantine Aid

INTRODUCTION

This report, covering the forty-first year for which interception lists have been issued, summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate transportation and exportation in bond, and (5) in domestic shipments between the American Virgin Islands, Hawaii, and Puerto Rico and the mainland.

Comprising this list are insects and plant diseases of known or potential plant quarantine significance to the United States. Many diseases of particular interest are included even though they are found of general or of limited distribution in the United States. The latter pathogens are the interceptions which are either (1) new to the country of origin, or (2) new to the host plant, or (3) are of such limited distribution in the United States that they are worthy of mention.

Some collections made late in the year are included in the report for the following year, since determinations cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list were obtained from routine reports by personnel of the Plant Quarantine Branch supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who identify a large proportion of the material collected at their ports. Specialists of the Field Crops Research Branch and the Horticultural Crops Research Branch determine many of the pathogens collected at the ports that are unusual or difficult to identify.

All scientific names are reviewed by appropriate specialists in the Department to assure conformance to the international rules of nomenclature.

Although every effort is made to give the correct origin for all collections listed, the alleged origin of all host-plant materials cannot be verified. Questionable items are therefore omitted or the origin is listed as unknown.

Since the great increase in air-cargo transportation, a proportionally larger number of importations of various plants, plant products, seeds, fruits, rhizomes, corms, and bulbs arrive rapidly from all parts of the world. The golden nematode, oat nematode, and fruit flies are included in the category of the more important pests taken from this source.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Increasingly frequent interceptions of important air-borne plant pests, unknown to this country, were made during the year. Some of the most injurious insects, nematodes, and plant diseases intercepted arrived in, on, or with air-borne fruits and plant material. During the year 3,145 interceptions of insects and 507 interceptions of plant diseases were made in baggage, express, freight, mail, and stores on imported plant parts.

Some important insects intercepted with air-borne material were:

Adoxophyes orana on cut flowers of lilac in baggage and cargo from the Netherlands.

The citrus blackfly (*Aleurocanthus woglumi*) on *Citrus* sp. leaf in baggage and on a lime leaf in cargo from Mexico.

Anastrepha fraterculus (?) in cherimoya in baggage from Colombia and Peru.

The Mexican fruit fly (*Anastrepha ludens*) in orange in baggage from Guatemala and Mexico, in mango in baggage from Mexico, and in orange in stores from Mexico.

The West Indian fruit fly (*Anastrepha mombinpraeoptans*) in *Annona* sp. in baggage from Costa Rica, in guava in baggage from Costa Rica, Dominican Republic, and Salvador, in guava in mail from Puerto Rico, in mango in baggage from the Bahamas, Costa Rica, Cuba, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Puerto Rico, and Salvador, and in yellow mombin in baggage from Guatemala, Nicaragua, and Salvador.

Anastrepha serpentina in sapodilla in baggage from Mexico, in sapodilla in quarters from South America; *A. serpentina* (?) in sapodilla in baggage from Nicaragua.

Anastrepha suspensa in guava in baggage from Cuba.

Apion carduorum in globe artichoke in baggage from Italy.

Bruchus ervi in lentils in baggage from Italy and in lentils in mail from Syria.

Carposina sasakii in apple in stores from Japan.

The Mediterranean fruit fly (*Ceratitis capitata*) in apricot in baggage from Italy, in avocado in baggage from Hawaii, in coffee berries in baggage from Brazil, in coffee berries in preflight inspection of baggage leaving Hawaii for the mainland, in grapefruit in baggage from Israel, in guava in baggage from the Azores, in Mandarin orange in baggage from Hawaii, in Mandarin orange in stores from Italy and Portugal, in mango in preflight inspection of baggage leaving Hawaii for the mainland, in nectarine and peach in baggage from Italy, in quince in baggage from Argentina, in orange in baggage from Spain, in orange in stores from Italy. *C. capitata* (?) in apricot in baggage from Portugal, in *Crataegus* sp. in baggage from Italy, in fig in baggage from Greece and the Madeira Islands, in guava in baggage from Israel and Italy, and in medlar, pricklypear, and quince in baggage from Italy.

The Asiatic rice borer (*Chilo suppressalis*) in rice straw in baggage from Spain.

An adult of the melon fly (*Dacus cucurbitæ*) on cut flowers of *Anthurium* sp. in baggage from Hawaii and a larva in tomato in preflight inspection of stores leaving Hawaii for the mainland.

The oriental fruit fly (*Dacus dorsalis*) in guava and Malay-apple in preflight inspection of baggage leaving Hawaii for the mainland; adults of *D. dorsalis* were found on airplanes in preflight inspection of planes leaving Hawaii for the mainland; *D. dorsalis* (?) in avocado and India-almond in preflight inspection of baggage leaving Hawaii for the mainland, in santol in baggage from the Philippines.

The olive fly (*Dacus oleae*) in olive in baggage from Egypt, Italy, and Lebanon.

The Tahitian coconut weevil (*Diocalandra taitensis*) in coconut in preflight inspection of baggage leaving Hawaii for the mainland.

Laspeyresia splendana in chestnut in baggage from Greece.

A bean pod borer, *Maruca testulalis*, on mauna loa lei in preflight inspection of baggage leaving Hawaii for the mainland, in string beans in stores from India, and in string beans in preflight inspection of baggage leaving Puerto Rico for the mainland.

Adults of *Nephotettix apicalis* on airplanes from the Philippines.

The pink bollworm (*Pectinophora gossypiella*) in cottonseed in baggage from Egypt and in okra in preflight inspection of baggage leaving Puerto Rico for the mainland.

Polychrosis botrana in grapes in baggage from Greece and Spain and in grapes in stores from France.

Rhagoletis cerasi in cherry in baggage from Austria, Germany, Portugal, and Spain, in cherry in stores from Belgium, England, France, and Italy; *R. cerasi* (?) in cherry in baggage from the Azores and the Netherlands and in cherry in stores from Switzerland.

The apple maggot (*Rhagoletis pomonella*) in apple in baggage from Mexico.

An avocado moth, *Stenoma catenifer*, in avocado in baggage from Brazil.

A mango weevil, *Sternonchetus mangiferae*, in mango in baggage from India and in preflight inspection of baggage leaving Hawaii for the mainland.

Interceptions of air-borne plant pathogens not believed to be established in the United States or of limited distribution were:

Chrysomya rhododendri on rhododendron in baggage and cargo from Austria and in mail and quarters from Switzerland.

Cryptospora longispora on Norfolk-Island-pine seed in mail from Norfolk Island.

Fusicladium eriobotryae on loquat in baggage from the Azores.

Kuehneola japonica on rose in baggage from Japan.

Phoma citricarpa on lemon in stores from Australia and New Zealand, on Mandarin orange in baggage from China, on orange peel from an unknown origin, and on citrus peel in baggage from China and Hawaii.

Phyllosticta micrococcoides (?) on lemon in baggage from Thailand.

Puccinia belamcandae on leaf of *Belamcanda* sp. in cargo from India; *P. horriana* on chrysanthemums in baggage, quarters, and stores from Japan.

Sphenospora kevorkianii on *Stelis* sp., an orchid, in express from Trinidad.

Uredo gynandrearum (?) on an orchid leaf in cargo from the Canal Zone.

The following nematodes were also found in the air-borne material:

The oat nematode (*Heterodera avenae*) in soil with holly seedlings in baggage from Ireland.

The golden nematode (*Heterodera rostochiensis*) in soil with horseradish in mail from Denmark, in soil with chrysanthemum, gaillardia, and primrose plants in baggage from Germany, in soil with lily and privet plants in baggage from England.

Heterodera punctata in soil with *Cymbidium* sp., an orchid, plants in cargo and mail from England, in soil with an unidentified plant in baggage from England.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

The following fruit flies were intercepted:

Anastrepha fraterculus in orange in stores from Brazil and in peach in baggage from Mexico; *A. fraterculus* (?) in cherimoyas in air baggage from Colombia and Peru, in mango in stores from Chile, and in orange in quarters from Brazil.

The Mexican fruit fly (*Anastrepha ludens*) in grapefruit in baggage, quarters, and stores from Mexico, in mango in baggage and air baggage from Mexico, in oranges in baggage and air baggage from Guatemala and Mexico, in oranges in quarters, stores, and air stores from Mexico, in orange in air stores from an unknown origin, in pomegranate, quince, and sweet lime in baggage from Mexico, 127 larvae were found on the floor of a refrigerator car from Mexico; *A. ludens* (?) in mango and orange in baggage from Mexico and in orange in air baggage from Mexico.

The West Indian fruit fly (*Anastrepha mombinpraeoptans*) in guavas in air baggage from Costa Rica, Dominican Republic, and Salvador, in guava in air mail from Puerto Rico, in mangoes in baggage from Cuba, Guatemala, Honduras, Mexico, Panama, Puerto Rico, and Trinidad (?), in mangoes in air baggage from the Bahamas, Costa Rica, Cuba, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Puerto Rico, and Salvador, in mangoes in cargo from Cuba, Dominica,

Mexico, and Puerto Rico, in mangoes in quarters from Guatemala, Honduras, Mexico, Panama, and Puerto Rico, in mangoes in stores from the Dominican Republic, Jamaica, and Nicaragua, and in mango in air stores from Jamaica, in yellow mombin in baggage from Mexico, in yellow mombins in air baggage from Guatemala, Nicaragua, and Salvador, and in yellow mombin in air mail from Nicaragua. *A. mombinpraeoptans* (?) in mango in quarters from Panama.

Anastrepha serpentina in mamey in baggage from Mexico, in sapodillas in air baggage and stores from Mexico, in sapodilla in air quarters from South America; *A. serpentina* (?) in sapodilla in air baggage from Nicaragua.

Anastrepha striata in guava in baggage from Mexico.

Anastrepha suspensa in guava in air baggage from Cuba.

The Mediterranean fruit fly (*Ceratitis capitata*) in apple in baggage from Italy, in apple in stores from Spain, in apricots in air baggage from Italy, in apricot in stores from Portugal, in avocado in preflight inspection of air baggage leaving Hawaii for the mainland, in coffee berries in air baggage and mail from Brazil, in coffee berries in baggage from Hawaii, in coffee berries in preflight inspection of baggage leaving Hawaii for the mainland, in coffee berries found in mail leaving Hawaii for the mainland, in grapefruit in air baggage from Israel, in grapefruit in stores from the Canary Islands and Egypt, in guava in air baggage from the Azores, in guava in stores from the Union of South Africa, in lemon in baggage from Italy, in Mandarin oranges in stores from Algeria and Portugal, in Mandarin orange in preflight inspection of baggage leaving Hawaii for the mainland, in Mandarin oranges in baggage and air stores from Italy, in Mandarin orange in air stores from Portugal, in mango in preflight inspection of baggage leaving Hawaii for the mainland, in orange in baggage from Brazil, in oranges in stores from the Canary Islands and Portugal, in oranges in baggage, air baggage, and air stores from Italy, in oranges in air baggage and quarters from Spain, in nectarine and peach in air baggage from Italy, in pear in quarters from Spain, in pepper in stores from Hawaii, in pricklypear in baggage from Italy, in quince in air baggage from Argentina, in quince in cargo from Greece. *C. capitata* (?) in apricot in air baggage from Portugal, in coffee berries in air baggage from Brazil, in coffee berries in baggage from Hawaii, in coffee berries in preflight inspection of baggage leaving Hawaii for the mainland, in coffee berries found in inspection of mail leaving Hawaii for the mainland, in *Crataegus* sp. in air baggage from Italy, in fig in air baggage from Greece, in fig in baggage from the Madeira Islands, in grapefruit in stores from Brazil, Italy, and Spain, in guava in air baggage from Israel and Italy, in Mandarin orange in stores from Lebanon, in medlar in air baggage from Italy, in oranges in stores from Algeria and Argentina, in orange in baggage from Italy, in pricklypears in baggage and air baggage from Italy, in quince in air baggage from Italy, and in sorbe apple in baggage from Italy.

The melon fly (*Dacus cucurbitae*) with cut flowers of anthurium in preflight inspection of baggage leaving Hawaii for the mainland, in bell pepper, pepper, cucumber, pumpkin, and tomato in stores from Hawaii, in string beans in mail leaving Hawaii for the mainland; *D. cucurbitae* (?) in cucumber in stores from Hawaii.

The oriental fruit fly (*Dacus dorsalis*) in avocado, banana, mango, and *Ochrosia elliptica* in baggage from Hawaii, in guava and Malay-apple in preflight inspection of baggage leaving Hawaii for the mainland, in mango in mail from Guam, in mango and peach in mail leaving Hawaii for the mainland, 4 adults of *D. dorsalis* were found in preflight inspection of airplanes leaving Hawaii for the mainland; *D. dorsalis* (?) in avocado and India-almond in preflight inspection of baggage leaving Hawaii for the mainland, in grapefruit in stores from Ceylon, and in santol in air baggage from the Philippines.

The olive fruit fly (*Dacus oleae*) in olives in baggage and stores from Italy, in olive in baggage from Greece, in olives in air baggage from Egypt, Italy, and Lebanon; *D. oleae* (?) in olive in stores from Italy.

Rhagoletis cerasi in cherries in air baggage from Austria, Germany, Italy, Portugal, and Spain, in cherries in baggage from Germany and Italy, in cherries in air stores from Belgium, England, France, and Italy, in cherries in air quarters from Italy; *R. cerasi* (?) in apple in air baggage from the Azores, in cherry in air baggage from the Netherlands, in cherries in air stores from England, France, and Switzerland.

Rhagoletis juglandis (?) in black walnut in baggage from Mexico.

The apple maggot (*Rhagoletis pomonella*) in apples in baggage and air baggage from Mexico, in apple in mail from Canada; *R. pomonella* (?) in thornapple in baggage from Mexico.

INSECTS OTHER THAN FRUIT FLIES

The following miscellaneous insects of interest were intercepted:

Adoxophyes orana (Tortricidae) on cut flowers of lilac in air baggage and air cargo from the Netherlands.

The citrus blackfly (*Aleurocanthus woglumi*) on leaves of *Citrus* sp. in baggage and air baggage from Mexico, on grapefruit leaf in baggage from Mexico, on lime leaves in air baggage, cargo, air cargo and quarters from Mexico, on sour lime leaves in cargo and stores from Mexico, and on orange leaves in baggage and cargo from Mexico.

A curculionid, *Baris lepidii*, in horseradish in cargo from Germany, Poland, and Yugoslavia.

Brachycerus albidentatus (Curculionidae) in garlic in baggage and stores from Italy.

Brachycerus algirus in garlic in baggage and cargo from Italy and in garlic in cargo and stores from Spain.

A bruchid, *Bruchidius incarnatus*, in broadbean in baggage from Egypt and Lebanon and in vetch seed in cargo from Italy.

Cacographis osteolalis (Schoenobiidae) "very interesting material, genus and species not represented by larvae in the National Museum collection prior to this material; also first record for its food plant", in roots of *Colocasia* sp. in cargo from Mexico.

Carposina sasakii (Carposinidae) in apple in air stores from Japan.

A coccid, *Ceroplastes sinensis*, on budwood of grapefruit in mail from Morocco.

Cryptoblabes gnidiella (Phycitidae) in *Caryota* sp. in air baggage from Brazil, with grapes in air baggage from Italy, on loquat in air baggage from Bermuda, in orange in air stores from Spain, in pomegranate in baggage and cargo from Greece, in pomegranate in baggage from Italy, in pomegranate in air baggage from Libya, in pomegranate in stores from Portugal, in pomegranate in cargo from Spain, and in Mandarin orange in air stores from the Azores.

Cylas formicarius, possibly subspecies *formicarius*, in sweetpotato in cargo (food for monkeys) from India.

Cylas puncticollis in sweetpotato in stores from British West Africa and Nigeria.

Dendrothrips ornatus (Thripidae) on lilac leafbud in cargo from the Netherlands.

Dyspessa ulula (Cossidae) in garlic in cargo from Hungary, Italy, and Morocco.

Gortyna flavago (Phalaenidae) in globe artichoke in stores from Algeria and Italy.

An avocado weevil, *Heilipus lauri*, in avocado in mail from Mexico.

Heterotermes convexinotatus, a termite, very destructive to buildings, in jicama in baggage from Mexico, in a log in cargo from Colombia, and on an orchid root in baggage from Panama.

A curculionid, *Listroderes subcinctus*, with grapes in cargo from Chile.

Megacerus leucosomus (Bruchidae), an interesting species and new to the collection in the National Museum, in tree morning-glory seed in mail from Mexico and in seed of *Rivea corymbosa* in mail and *Rivea* sp. seed in express from Mexico.

A cicadellid, *Nephotettix apicalis*, in an airplane from the Philippines.

Phalonia zephyrana (Phaloniidae) a so-called carrot stem borer, in carrots in stores from Algeria and Trieste.

A curculionid, *Phlyctinus callosus*, with grapes in cargo from the Union of South Africa.

A chrysomelid, *Phyllotreta vittula*, on watercress in stores from France.

Polychrosis botrana (Olethreutidae) in grapes in air baggage from Greece and Spain and in grapes in air stores from France.

Prays oleellus (Hyponomeutidae) with olives in air baggage from Italy.

Sesamia cretica (Phalaenidae) in broomcorn in cargo from Greece and in broomcorn in cargo and mail from Italy.

A bostrichid, *Sinoxylon anale*, in a wooden case in cargo from Pakistan and with amaryllis in cargo from Japan.

SNAILS

The giant African snail (*Achatina fulica*) was reported three times during the year with scrap metal coming from the Caroline Islands and Guam. Two of these interceptions were made at San Pedro, Calif., and one at Baltimore, Md.

Other injurious snails intercepted and not known to be in the United States or of limited distribution were:

Bradybaena similaris with *Anthurium* sp. (leaves) and tree fern in preflight inspection of mail leaving Hawaii for the mainland, with plant foliage, ti leaves,

and Vanda Miss Jocquim, an orchid, in preflight inspection of air cargo leaving Hawaii for the mainland; at Miami, Fla., with miscellaneous plants in air baggage from Jamaica.

Deroceras reticulatum at San Juan, P. R., with asters (cut flowers) in air cargo from Haiti and with cabbage in stores from Spain; at New Orleans, La., with cabbage in stores from Argentina; at Philadelphia, Pa., with cabbage in stores from Belgium; at Savannah, Ga., with cabbage in stores from Belgium and Brazil; at New York, N. Y., with endive in cargo from Belgium, with grapes in baggage from England, with soil with hydrangea plants in air baggage from Iceland, in soil with cedar seedlings in baggage from Canada, with unidentified plants in baggage from Wales, and with turnips in stores from Northern Ireland; at Philadelphia, Pa., with leek in stores from England; at Honolulu, Hawaii with parsley in air stores from Australia and with yam bean in preflight inspection of mail leaving Hawaii for the mainland.

Limax marginatus at New Orleans, La., with cabbage in stores from the Netherlands.

Limax maximus at New York, N. Y., with radishes in air baggage from Lebanon; at Seattle, Wash., in soil with dwarf pine in baggage from Japan.

Theba pisana at Philadelphia, Pa., with lettuce in stores from France and with bales of cork in cargo from Morocco; at New York, N. Y., with bales of cork in cargo from Morocco.

NOTES ON DISEASES INTERCEPTED

Japan continues to be the origin of the greatest number of interceptions (72) of citrus canker (*Xanthomonas citri*), 35 of which were on oranges, 15 on grapefruit, 13 on lemons, 4 on sour oranges, 2 on Mandarin oranges, one each on sour lime, *Citrus* sp. ("summer orange"), and *Citrus ichangensis* var. (yazu.). Seven interceptions came from China, 4 on Mandarin orange and 3 on orange peel. India furnished 5 interceptions, all on sour limes while the Philippines contributed one on lemon and one on orange. One came from Formosa on pummelo, 1 from Guam on lime, 1 from Java on sour lime, and 1 from Thailand on grapefruit.

"Cancrosis B" (*Xanthomonas* sp. (?)), another bacterial disease of citrus, producing symptoms similar to citrus canker, was intercepted three times on lemons from Argentina.

The sweet orange scab (*Elsinoe australis*) was intercepted 62 times. Of these interceptions 38 were from Brazil on lemon, orange, sour lime, and sour orange; 21 from Argentina on lemon, Mandarin orange, and orange; 2 from Uruguay on orange; and 1 from Paraguay on grapefruit.

Other interceptions were:

Dasyschypha virginea on rhododendron in cargo from the Netherlands.

Elsinoe phaseoli on lima beans in air baggage from Puerto Rico.

Fusicladium depressum on fennel in stores from Italy.

Guignardia traversi on *Stanhopea* sp., an orchid, in cargo from Mexico.

Myiocopron orchidearum on an orchid stem in baggage from Mexico.

Oospora microcarpa on stem of *Chamaecyparis* sp. from the Netherlands.

Phoma araucariae on Norfolk-Island-pine seed in mail from Australia; *P. sabdariffae* on kenaf hibiscus in cargo from Cuba.

Phyllachora cynodontis on Bermuda grass in mail from Spain; *P. orbicula* on bamboo leaf in cargo from China.

Phyllosticta micrococcoides (?) on lemon in air baggage from Thailand; *P. ruscicola* on *Ruscus* sp. in cargo from Italy.

Pleospora gigantea on *Agave* sp. in baggage from Mexico.

Puccinia belamcandae on *Belamcanda* sp. leaf in air cargo from India; *P. horriana* on chrysanthemums in air baggage, air quarters, and air stores from Japan; *P. ornithogali-thyrsoideis* on chinkerichee in cargo and mail from the Union of South Africa.

Pyrenochaeta terrestris on primrose in cargo from the Netherlands.

Sclerotiopsis testudinea on tree peony in mail from Japan.

Sphenospora kevorkianii on *Stelis* sp., an orchid, in air express from Trinidad.

Taphrina bullata (?) on Japanese flowering cherry in cargo from Japan.

Tolyposporium ehrenbergii on sorghum seed in mail from India.

Uredo gynandrearum (?) on an orchid leaf in air cargo from the Canal Zone.

Urocystis gladiolicola on gladiolus in mail from the Netherlands.

Uromyces alyxiae on maile leaf in mail from Hawaii.

The oat nematode (*Heterodera avenae*) was intercepted 32 times. Nine of these came from Germany, 6 from Italy, 4 from the Netherlands, 3 from Denmark, 2 each from England and Japan, and 1 each from Canada, Ireland, Mexico (?), Scotland, Spain, and Sweden. These interceptions were made from soil with bagging, with plant material for propagation, with cargo shipments of vegetables and with vegetables in ships' stores.

The golden nematode (*Heterodera rostochiensis*) was intercepted 94 times. Twenty-seven of these came from Germany, 26 from England, 16 from Scotland, 8 from Mexico, 5 from Peru, 3 from Ireland, 2 each from Argentina and Denmark, and 1 each from Belgium, the Netherlands, Northern Ireland, Poland and an unknown origin. Twelve of these interceptions were taken with soil on potatoes, its normal host, while others were taken with soil on bagging; soil with vegetables in baggage, cargo, and mail; in soil with bulbs in baggage, cargo, and mail for propagation; in plant material in baggage and mail for propagation; in soil with plant material in ships' furnishings and quarters; and in soil on a used truck.

Another intercepted nematode of interest, not known to be established in the United States is:

Ditylenchus hyacinthi on paper white narcissus bulbs in cargo from France.

INCOMPLETELY DETERMINED PESTS

Frequently inspectors find insects, nematodes, or pathogens affecting plant material in such a stage or condition that complete or accurate determination is impracticable or impossible. Some of these pests may be of economic importance, or new to the host or to the country of origin, or hitherto unknown in the United States.

INSECTS

Among the incompletely determined insects were the following fruit flies: *Anastrepha* sp., possibly *fraterculus*, at Jacksonville, Fla., in grapefruit in stores from Trinidad; at Miami, Fla., in mango in air baggage from Colombia; at New York, N. Y., in peach in air baggage from an unknown origin; at San Juan, P. R., in sapodilla in air baggage from the Dominican Republic.

Anastrepha sp., probably *ludens*, at Brownsville, Tex., in mamey sapote in stores from Mexico; at El Paso, Tex., in mango in baggage from Mexico; at Galveston, Tex., in oranges in quarters and stores from Mexico; at Houston, Tex., in grapefruit in quarters and stores from Mexico and in mango in air baggage from Mexico; at Laredo, Tex., in grapefruit, mango, orange, and pear in baggage from Mexico; at Nogales, Ariz., in mango in baggage from Mexico; at San Ysidro, Calif., in mango and orange in baggage from Mexico.

Anastrepha sp., probably *mombinpraeoptans*, at Charlotte Amalie, St. Thomas in guava in cargo from Tortola; at Miami, Fla., in guava in air mail from Puerto Rico; at Mobile, Ala., in mango in ship's garbage from Trinidad; at New York, N. Y., in mango in baggage from Colombia; at San Juan, P. R., in mango in air baggage from the Dominican Republic.

Anastrepha sp., probably *serpentina*, at Mobile, Ala., in orange in quarters from Netherlands Guiana; at New York, N. Y., in orange in stores from Brazil; at San Juan, P. R., in sapodilla in air baggage from Trinidad.

Anastrepha sp. at Baltimore, Md., in orange in stores from Brazil; at Brownsville, Tex., in *Spondias* sp. in stores from Mexico; at Galveston, Tex., in mamey and mango in baggage from Cuba (?) and in sapote in quarters from Mexico; at Hidalgo, Tex., in mango in baggage from Mexico; at Jacksonville, Fla., in grapefruit in air stores from Trinidad; at Laredo, Tex., in mango and quince in baggage from Mexico; at Miami, Fla., in guavas in air baggage from Costa Rica and Honduras, in hog plum in air baggage from Costa Rica, in mangoes in air baggage from Colombia, Ecuador, and Mexico, in oranges in air baggage and air stores from Colombia; at New York, N. Y., in cactus fruit in air stores from Colombia, in mangoes in air baggage from the Bahamas and Jamaica, in pricklypear in air stores from Colombia; at Norfolk, Va., in orange in air quarters from Trinidad; at Christiansted, St. Croix in guava berry in cargo from Tortola; at San Juan, P. R., in mango in air baggage from the Dominican Republic; at San Pedro, Calif., in guava in air baggage from Nicaragua.

Rhagoletis sp., either *completa* Cresson or *boycei* Cresson, at Hidalgo, Tex. and Nogales, Ariz., in black walnut in baggage from Mexico.

Rhagoletis sp., possibly *pomonella* (Walsh), in crab apple in baggage from Mexico.

Rhagoletis sp., in thornapple in baggage from Mexico.

Thirty-eight interceptions, identified to family only (Tephritidae), were intercepted at the following ports: At Baltimore, Md., in vegetable marrow in stores from the Union of South Africa; at Boston, Mass., in grapefruit in stores from the Union of South Africa, in persimmon and pricklypear in air baggage from Italy; at Brownsville, Tex., in caladium root in cargo from Mexico; at Eagle Pass, Tex., in apple in baggage from Mexico; at El Paso, Tex., in mango and thornapple in baggage from Mexico; at Galveston, Tex., in grapefruit in stores from Brazil; at Honolulu, Hawaii in purple granadilla in preflight inspection of baggage leaving Hawaii for the mainland, in mango in air baggage from the Philippines, in coffee berry in mail leaving Hawaii for the mainland, in persimmon in air baggage from Australia, and two larvae on the floor of the rear baggage pit of an airplane carrying coconuts, taroes, limes, and papayas from Fiji to Canton Islands; at Houston, Tex., in orange in quarters from Argentina and in tomato in stores from Hawaii; at New York, N. Y., in *Crataegus* sp. in baggage from Italy, in palm fruit in air baggage from Italy, in passionflower in air baggage from Colombia, and one pupa in box containing bay berries and other unidentified berries in air baggage from Italy; at Mobile, Ala., in mango in quarters from Trinidad; at Nogales, Ariz., in Caribe pepper in cargo from Mexico; at Philadelphia, Pa., in cabbage in stores from Egypt, in orange in stores from Peru, and in vegetable marrow in stores from French West Africa; at Port Arthur, Tex., in orange in quarters from the Union of South Africa; at Roma, Tex., in pear in baggage from Mexico; at Seattle, Wash., in mango in mail from Guam and in mango in air baggage from the Philippines; at San Juan, P. R., in apple in air baggage from Brazil and in persimmon in air baggage from Trinidad; at San Pedro, Calif., in apple in stores from England (?) and in coffee berries in air cargo from Colombia; at San Ysidro, Calif., in *Crataegus* sp. in baggage from Mexico; at Washington, D. C., in India jujuba in mail from India.

Other incompletely identified insects worthy of mention were:

Acanthocinus sp., probably *aedilis* (L.) (Cerambycidae), at Mobile, Ala., with debris of pine bark and peat moss in cargo from Germany.

Acanthoscelides sp. (Bruchidae), a new species, at Washington, D. C., in *Hoffmanseggia falcaria* seed in mail from Argentina.

Agriotes sp., may be *lineatus* (F.) (Elateridae), at Hoboken, N. J., in horseradish roots in cargo from Germany.

Aleurodicus sp. (Aleyrodidae), a new species, at Laredo, Tex., on *Laelia anceps*, an orchid, in cargo from Mexico.

Altica sp., possibly *oleracea* L. (Chrysomelidae), at Chicago, Ill., in forest litter in mail from Germany.

Amblycerus sp., near *pygidialis* (Suff.) (Bruchidae), a new species, at Laredo, Tex., in seeds of *Cordia* sp. in baggage from Mexico.

Aphthona sp., probably *coerulea* (Geoffr.) (Chrysomelidae), at New York, N. Y. with leaves of *Rubus* spp., in air stores from France.

Archips sp., doubtfully *pronubana* (Hbn.) (Tortricidae), at Philadelphia, Pa., in pomegranate in baggage from Yugoslavia.

Ardis sp., probably *brunniventris* (Htg.) (Tenthredinidae), at New York, N. Y., in rose stem in air baggage from Switzerland.

Baris sp. (Curculionidae) at Philadelphia, Pa., in turnip in stores from Italy; at Nogales, Ariz., with chrysanthemums (cut flowers), lettuce, and onions in baggage from Mexico.

Batrachedra sp. (Cosmopterygidae), a new species, at Washington, D. C., in agave plant in mail from Guatemala.

Blaps sp., probably *gigas* (L.) (Tenebrionidae), at New York, N. Y., and Philadelphia, Pa., on bark of cork oak in cargo from Morocco.

Brachyrhinus sp. (Curculionidae) at Hoboken, N. J., with roots of rhododendron in cargo from Belgium.

Callosobruchus sp. (Bruchidae), a new species, at New Orleans, La., in leguminous seed in cargo from Pakistan.

Caryedes sp., near *braziliensis* (Thunb.) (Bruchidae), at Washington, D. C., in *Canavalia* sp. seed in mail from Guatemala.

Cleonus sp. (Curculionidae) at Brownsville, Tex., in carrot in stores from Italy; at Philadelphia, Pa., in carrot in stores from Portugal; at Washington, D. C., with seed of *Nenax microphylla* in mail from the Union of South Africa.

Coccinae (Coccidae), uncertain as to genus, at Hoboken, N. J., on *Crassula alstonii* in air cargo from the Union of South Africa.

Dendarus sp., near *tristis* Rossi (Tenebrionidae), at New York, N. Y., with cork oak bark in cargo from Morocco.

Dicraeus sp., near *longinervis* Beck. (Chloropidae), at Washington, D. C., with seed heads of *Ischaemum brachya therum* in mail from Transvaal.

Epicaerus sp. (Curculionidae) at San Diego, Calif., in potato in stores from Mexico; at Hidalgo and Laredo, Tex., in potatoes in baggage from Mexico; at Brownsville and Houston, Tex., in potatoes in stores from Mexico.

Ereunetis sp., near or = *minuscula* Wlsm. (Tineidae), at San Juan, P. R., in flamboyant seed pod in preflight inspection of baggage leaving Puerto Rico for the mainland.

Eulia sp., near *salubricola* Meyrick (Tortricidae), at New York, N. Y., in nectarine in cargo from Chile.

Eulia sp. at Baltimore, Md., New York, N. Y., and Philadelphia, Pa., in plums in cargo from Chile; at New York, N. Y., in peach in cargo from Chile; at Baltimore, Md. and New York, N. Y., in grapes in cargo from Chile.

Eurychilella sp. (Miridae), a new species, at Brownsville, Tex., with philodendron seedlings in cargo from Mexico.

Galerucella sp., probably *tenella* (L.) (Chrysomelidae), at Hoboken, N. J., on *Chamaecyparis* sp. leaf in cargo from the Netherlands.

Gnorimoschema sp., may be *borsaniella* Koehr. (Gelechiidae), at Philadelphia, Pa., in pepper in stores from Brazil.

Gnorimoschema sp., near or = *ocellatella* Boyd, at Philadelphia, Pa., in beet in stores from Italy.

Gymnandrosoma sp. (Olethreutidae) at Brownsville, Tex., in cacao in baggage from Mexico; at Nogales, Ariz., in guamuchil in baggage from Mexico.

Hepialus sp. (Hepialidae) at New York, N. Y., in horseradish in cargo from Germany.

Laspeyresia sp., probably *grossana* (Haw.) (Olethreutidae), at Norfolk, Va., in valonia cup in cargo from Greece.

Longitarsus sp., probably *parvulus* Payk. (Chrysomelidae), at Seattle, Wash., on rhododendron in cargo from the Netherlands; at Boston, Mass., in sand around cut flowers in furnishings from England; at Norfolk, Va., in soil with celery in stores from the Netherlands.

Mothonica sp. (Stenomidae), presumably undescribed, at Miami, Fla., in palm seed in air cargo from Cuba.

Nasutitermes sp. (Termitidae) at New York, N. Y., in cacao pod in cargo from Costa Rica; at San Pedro, Calif., on an orchid plant in air cargo from Trinidad.

Neoleucon sp. (Miridae), a new species, at Brownsville and Laredo, Tex., with philodendron leaves in cargo from Mexico.

Phyllotreta sp., probably *undulata* Kutsch. (Chrysomelidae), at Newport News, Va., on cabbage in stores from Scotland.

Prays sp. (Hyponomeutidae), at Galveston, Tex., in grapefruit in stores from Indonesia.

Premnotrypes sp. (Curculionidae) at New York, N. Y. in potato in stores from Chile; at Boston, Mass., and Philadelphia, Pa., in potatoes in stores from Peru.

Psylliodes sp. (Chrysomelidae) at Galveston, Tex., in turnip in stores from Belgium; at New York, N. Y. in turnips in stores from Algeria and France; at Philadelphia, Pa., in turnips in stores from England, France, and Portugal; at Port Arthur, Tex., in turnip in stores from Portugal.

Rhynchaenus sp., evidently *populi* (F.) (Curculionidae), at New York, N. Y. on lilac leaf in air cargo from the Netherlands.

Scarabaeid, "a very remarkable larvae", at Mobile, Ala., in soil with hibiscus plants in baggage from Trinidad.

Selenaspidus sp., very close to *lounsburyi* Marl. (Coccidae), at Hoboken, N. J., on *Mesembryanthemum cradockense* leaf in mail from the Union of South Africa.

Sesamia sp., near or *nonagrioides* (Lef.) (Phalaenidae), at National Airport, Arlington, Va., in pepper in air stores from Morocco.

Stephanoderes sp. (Scolytidae) at Philadelphia, Pa., in fig cutting in baggage from Italy; at Mobile, Ala., in Leguminosae seed pod and Malvaceae seed pod in mail from Puerto Rico, and in royal poinciana seed pod in quarters from Trinidad; at Port Everglades, Fla., in royal poinciana in air baggage from the Bahamas; at Houston, Tex., with an unknown plant in air cargo from Mexico.

Teratophyloides sp. (Miridae), a new species, at Brownsville, Tex., on an orchid plant in cargo from Mexico.

Tychius sp., probably *flavicollis* Steph. (Curculionidae), at Washington, D. C., in *Lotus* sp. seed pod in mail from Turkey.

There were 1,857 interceptions distributed among 621 genera, which could be identified to genus only.

DISEASES

Pathogens, some probably new to this country, determined to genus only were: *Ascochyta* sp. at El Paso, Tex., on *Cymbidium* sp., an orchid, in air cargo from Mexico; at Hoboken, N. J., on root of *Scabiosa caucasica* vars. in cargo from the Netherlands.

Ceratostomella sp. at Hoboken, N. J., on root of *Davidia involucrata* in cargo from the Netherlands.

Cercospora sp., close to *holarrhenae* Thirum. and Chupp, at Washington, D. C., on leaf of Apocynaceae in mail from India.

Cercospora sp. at Laredo, Tex., on philodendron leaf in cargo from Mexico; at Miami, Fla., on philodendron leaf in air cargo from Colombia; at New Orleans, La., on leaf of *Origanum* sp. in air baggage from Mexico.

Cerebella sp., probably *andropogonis* Ces., at Portland, Oreg., on *Themeda quadrivalis* in mail from India.

Coniothyrium sp. at El Paso, Tex., on cactus plant in baggage from Mexico; at San Antonio, Tex., on solanaceous fruit in air baggage from Mexico.

Corynespora sp., close to *cassicola* (Berk. & Curt.) Wei, at Houston, Tex. on palm frond in air cargo from Mexico.

Diplodina sp. at Hoboken, N. J., on *Leucothoe catesbaei* foliage in cargo from the Netherlands.

Discosia sp., a new species, at Laredo, Tex., on philodendron leaf in cargo from Mexico.

Dothiorella sp. at Philadelphia, Pa., on coconut husk in mail from Panama and on palm in quarters from Japan; at San Francisco, Calif. on *Howea forsteriana* seeds in mail from Australia and on Norfolk-Island-pine seeds in mail for Norfolk Island.

Glomerella sp., probably *cingulata* (Ston.) Spauld. & Schrenk., at Houston, Tex. on palm frond in air cargo from Mexico.

Graphium sp., at Hoboken, N. J., on peony in cargo from Japan.

Guignardia sp., at Philadelphia, Pa., on kenaf hibiscus in cargo from Cuba.

Heterosporium sp., suggesting *variabile* Cke., at El Paso, Tex., on *Cymbidium* sp., an orchid, in air cargo from Mexico.

Mycosphaerella sp., a new species, at Honolulu, Hawaii, on *Odontoglossum pulchellum*, an orchid, in air cargo from Mexico.

Mycosphaerella sp. at Brownsville, Tex., on *Chamaedorea* sp. (?) in baggage from Mexico; at Honolulu, Hawaii, on gladiolus leaf in air quarters from Japan; at Laredo, Tex., on *Epidendrum* sp., an orchid, in cargo from Mexico; at Miami, Fla., on *Epidendrum radicans*, an orchid, in air cargo from Costa Rica.

A fungus, close to *Pedilospora* sp., at San Francisco, Calif., on waternut in cargo from China.

Phomopsis sp., at Brownsville, Tex., on papaya in baggage from Mexico; at San Pedro, Calif. on leaf of *Aechmea* sp. in air cargo from Mexico, on Bromeliaceae leaf in air baggage from Colombia, and on stem of *Monstera deliciosa* in air cargo from Mexico; at Philadelphia, Pa., on kenaf hibiscus stem in cargo from Cuba.

Phyllostictina sp. at Miami, Fla., on Norfolk-Island-pine seed in air mail from Norfolk Island; at San Francisco, Calif., on Norfolk-Island-pine seed in mail from Norfolk Island.

Probably *Plenodomus* sp. at Philadelphia, Pa., on horseradish in stores from Germany.

Puccinia sp., possibly a new species at Nogales, Ariz., on *Tricholaena repens*, a grass, in mail from Mexico.

Pyrenochaeta sp. at Houston, Tex., on palm frond in air cargo from Mexico.

Pythium sp. at Hoboken, N. J., on *Cymbidium* sp., an orchid, in air mail from England.

Sclerotium sp. at San Francisco, Calif., on a caladium bulb in cargo from China; at Seattle, Wash., on *Helleborus* sp. in cargo from the Netherlands.

Septoria sp., undescribed, at Hoboken, N. J., on leaf of *Anthurium* sp. in cargo from Belgium. *Septoria* sp. at Hoboken, N. J., on *Dryas octopetala* in air mail from Switzerland.

Sphenospora sp., undescribed, at Honolulu, Hawaii, on *Oncidium* sp., an orchid, in air cargo from the Dominican Republic.

Stemphylium sp., at New York, N. Y., on cut flowers of gladiolus in air cargo from Israel.

Uredo sp., undescribed, at Miami, Fla., on *Oncidium pulchellum*, an orchid, in air cargo from Jamaica.

Incompletely determined nematodes worthy of mention were:

Aphelenchoides sp. at Honolulu, Hawaii in garlic in cargo from Japan; at Hoboken, N. J., in soil with stems and buds of willow in mail from Greenland.

Ditylenchus sp., undescribed, at New York, N. Y., in hyacinth bulbs in cargo from France and in narcissus bulbs in cargo from France and Italy.

Heterodera sp., possibly *avenae* Eidam, at Boston, Mass., in soil with shamrock plants in mail from Ireland; at El Paso, Tex., in soil with potatoes in railway car from Mexico; at Hoboken, N. J., in soil with unidentified plants in mail from Austria; at New York, N. Y. in soil with used bags in cargo from Scotland, in soil with clematis and daisy plants in baggage from England, and in soil with horseradish in cargo from Germany; at Philadelphia, Pa., in soil with dasheens in stores from Egypt.

Heterodera sp., probably *cacti* Filip. & Schuur. Stek., at Brownsville, Tex., in soil with geranium cuttings in baggage from Mexico; at El Paso, Tex. in soil with plants in baggage from Mexico.

Heterodera sp., probably *schachtii* Schmidt, at Chicago, Ill., in soil with perennial plants and bulbs in mail from Scotland; at San Pedro, Calif., with carrots and potatoes in stores from the Netherlands.

Heterodera sp., possibly a new species, at San Francisco, Calif., in soil with *Allium* sp. (multiplying onion) in baggage from China.

Heterodera sp. was intercepted 600 times at 20 ports of entry in soil attached to automobiles, in soil with old bagging, in soil used as ballast, in soil with plants for propagation, in soil with plant material in baggage, furnishings, mail and quarters, in soil in railway cars carrying potatoes, in soil with vegetables in baggage, cargo, mail, and stores. These interceptions were made on material coming from the following countries: Argentina, Australia, Austria, Azores, Belgium, Brazil, Canada, Chile, China, Colombia, Cyprus, Denmark, Egypt, England, Faroe Islands, Finland, France, Germany, Great Britain, Greece, Ireland, Isle of Capri, Italy, Japan, Latvia, Lebanon, Malta, Mexico, Morocco, Netherlands, New Zealand, Northern Ireland, Norway, Poland, Portugal, Scotland, Spain, Sweden, Switzerland, Tunisia, Turkey, Union of South Africa, Wales, and Yugoslavia.

Meloidogyne sp. at Hoboken, N. J., in roots of *Anemone pulsatilla alba*, *A. sylvestris*, *Cimicifuga foetida simplex*, *Clematis* spp., and *Heliopsis* sp. in cargo from the Netherlands, in *Cestrum* spp. in air cargo from the Union of South Africa, in roots of *Clematis jackmani* and *Clematis* sp. in cargo from Germany, in roots of *Delphinium* vars. in air cargo from the Netherlands, and in peony root in air mail from England; at Seattle, Wash., in dahlia tuber in cargo from Japan.

Panagrolaimus sp., possibly represents a new species closely related to *rigidus* (A. Schneid.) Thorne, at San Pedro, Calif., in seeds of Norfolk-Island-pine in mail from Australia.

Pratylenchus sp. at Hoboken, N. J., in roots of aster, astilbe, and *Clematis* spp., in cargo from the Netherlands, in roots of clematis in cargo from Germany, in roots of clematis hybrid and delphinium in air cargo from the Netherlands, in roots of *Chrysanthemum maximum* var. in air mail from Scotland, in roots of *Echinacea purpurea* in cargo and mail from the Netherlands, in roots of *Helleborus* spp. in air cargo, air mail and cargo from the Netherlands, in roots of *Kniphofia* sp., phlox, *Primula* spp., *Pulmonaria* spp., *Rudbeckia* sp., *Trollius* sp., and *Veronica spicata erica* in cargo from the Netherlands.

Psilenchus sp. at Hoboken, N. J., in soil with stems and buds of willow in mail from Greenland.

A total of 1,077 incompletely determined pathogens were recorded during the year.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
	<i>Number</i>	<i>Number</i>		<i>Number</i>	<i>Number</i>
Africa:			Europe—Continued		
Afghanistan.....	4	6	Scotland.....	8	20
Algeria.....	6	0	Spain.....	39	3
Anglo-Egyptian Sudan.....	0	1	Sweden.....	6	2
Angola.....	1	2	Switzerland.....	2	18
British West Africa.....	1	0	Trieste.....	1	0
Canary Islands.....	2	0	Turkey.....	9	0
Cape Verde Islands.....	2	0	Wales.....	1	1
Egypt.....	11	1	Yugoslavia.....	8	3
French Equatorial Africa.....	2	0	North America:		
French West Africa.....	1	0	Bermuda.....	35	0
Kenya.....	1	0	Canada.....	19	7
Liberia.....	1	0	Canal Zone.....	54	4
Libya.....	1	0	Central America.....	2	0
Madeira Islands.....	1	0	British Honduras.....	6	0
Morocco.....	10	1	Costa Rica.....	16	6
Mozambique.....	1	4	Guatemala.....	16	2
Nigeria.....	6	0	Honduras.....	6	0
Rhodesia.....	5	0	Nicaragua.....	13	0
Senegal.....	1	0	Panama.....	30	1
Sierra Leone.....	1	0	Salvador.....	11	4
Union of South Africa.....	18	13	Iceland.....	1	1
Asia:			Mexico.....	506	122
Burma.....	5	0	Newfoundland.....	1	0
Ceylon.....	1	3	West Indies:		
China.....	7	55	Anguilla.....	1	0
Cyprus.....	2	0	Antigua.....	3	0
Formosa.....	2	4	Bahamas.....	7	2
Hashemite Kingdom of the			Barbados.....	2	0
Jordan.....	0	1	British Virgin Islands.....	1	0
India.....	52	26	British West Indies.....	2	0
Indonesia.....	0	1	Cuba.....	35	3
Iran.....	5	0	Dominica.....	1	0
Iraq.....	1	0	Dominican Republic.....	16	7
Israel.....	4	2	Haiti.....	8	0
Japan.....	117	171	Jamaica.....	42	0
Lebanon.....	16	0	Martinique.....	0	1
Pakistan.....	11	0	Puerto Rico.....	17	8
Syria.....	3	0	St. John.....	1	0
Thailand.....	1	2	St. Kitts.....	2	0
Australasia:			St. Thomas.....	1	0
Australia.....	19	20	St. Vincent.....	1	0
Canton Island.....	1	0	Swan Island.....	2	0
Caroline Islands.....	2	0	Tobago.....	2	0
Eniwetok.....	1	0	Tortola.....	6	0
Fiji Islands.....	10	1	Trinidad.....	24	4
Guam.....	9	10	Virgin Corda.....	3	0
Hawaii.....	273	3	Virgin Islands.....	2	0
Java.....	0	1	South America:		
New Guinea.....	2	2	Argentina.....	9	28
New Zealand.....	1	3	Brazil.....	26	44
Norfolk Island.....	1	13	British Guiana.....	2	0
Philippines.....	21	3	Chile.....	23	1
South Pacific.....	0	1	Colombia.....	17	7
Tahiti.....	0	2	Ecuador.....	10	0
Wake.....	1	0	Netherlands Guiana.....	1	0
Europe:			Paraguay.....	0	1
Austria.....	4	4	Peru.....	4	5
Azores.....	8	4	South America.....	1	1
Belgium.....	35	5	Uruguay.....	0	3
Crete.....	2	0	Venezuela.....	13	2
Czechoslovakia.....	0	1	Total:		
Denmark.....	1	8	Africa.....	76	28
England.....	25	57	Asia.....	227	265
Finland.....	1	0	Australasia.....	341	59
France.....	35	13	Europe.....	514	296
Germany.....	25	54	North America.....	893	172
Greece.....	28	8	South America.....	105	92
Hungary.....	3	0	Unknown.....	5	1
Ireland.....	0	12	Total.....	2,161	913
Italy.....	178	25	Total incompletely de-		
Netherlands.....	70	48	termined pests.....	1,857	1,077
Northern Ireland.....	1	3	Total insect interceptions.....	4,018	-----
Norway.....	0	4	Total disease intercep-		
Poland.....	1	2	tions.....		1,990
Portugal.....	23	1	Grand total.....		¹ 6,008

¹This total represents only pests of known or potential plant-quarantine importance. The total of all interceptions made during the year was 15,910.

† NOTE.—Interceptions were also made from Aruba, Bolivia, British East Africa, Curacao, Ethiopia, Faroe Islands, Gibraltar, Gold Coast, Greenland, Isle of Capri, Ivory Coast, Kwajalein, Latvia, Madagascar, Malaysia, Malta, Marshall Islands, Natal, New Caledonia, Okinawa, Orange Free State, St. Barthelemy, St. Lucia, Samoa, Tahiti, Tanganyika, Transvaal, Tunisia, Uganda, and Wake Island.

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Acalla schalleriana</i> (F.) (Tortricidae):					
<i>Rhododendron</i> sp.	Belgium			1	N. J.
<i>Acalymma trivittata</i> (Mann.) (Chrysomelidae):					
<i>Cucurbita maxima</i> (squash)	Mexico	1			Ariz.
<i>Acanthoscelides armitagei</i> (Pie) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea)	Canal Zone, Trinidad	5			Mass., N. Y.
<i>Cicer arietinum</i> (chickpea)	Canal Zone			2	N. J.
<i>Flemingia strobilifera</i>	do	1			Wash.
<i>Pachyrhizus erosus</i>	Costa Rica			1	D. C.
<i>Rumex</i> sp. (sorrell)	Canal Zone	1			N. Y.
<i>Tamarindus indica</i> (tamarind)	Panama			1	N. J.
<i>Acanthoscelides obreptus</i> Bridw. (Bruchidae):					
<i>Phaseolus lunatus</i> (civet bean)	Guatemala			1	D. C.
<i>Acanthoscelides obvelatus</i> Bridw. (Bruchidae):					
<i>Phaseolus vulgaris</i> (kidney bean)	Costa Rica, Mexico			2	D. C.
" <i>Acanthoscelides</i> " <i>spinipes</i> (Er.) (Bruchidae):					
<i>Acacia farnesiana</i> (sweet acacia)	Italy			1	N. Y.
<i>Acacia tortuosa</i>	Greece, Italy	1		1	N. Y.
<i>Acacia</i> sp.	Argentina, Greece			2	D. C., Mass.
<i>Cupressus</i> sp. (cypress)	Argentina			1	N. Y.
<i>Aceria gossypii</i> (Banks) (Eriophyidae):					
<i>Gossypium</i> sp. (cotton)	Dominican Republic	1			Fla.
<i>Achatina fulica</i> Fer. (Mollusca):					
Serap metal	Caroline Islands, Guam	3			Calif., Md.
<i>Acrolepia assectella</i> (Zell.) (Hyponomeutidae):					
<i>Allium porrum</i> (leek)	Belgium, France, Italy, Germany, Netherlands.		6		N. Y., Pa.
<i>Acronicta rumicis</i> (L.) (Phalaenidae):					
<i>Kolkwitzia amabilis</i>	Netherlands			1	N. J.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae):					
Airplane	Hawaii		3		Hawaii.
<i>Alpinia</i> sp. (red ginger)	do	1			Hawaii.
Baggage	Japan (?)	1			Hawaii.
<i>Cordyline terminalis</i> (ti)	Hawaii	1		1	Hawaii.
Flowers—unidentified	do	3			Calif.*, Hawaii.
<i>Hibiscus</i> sp.	do			1	Hawaii.
<i>Adoxophyes orana</i> (F. R.) (Tortricidae):					
<i>Syringa</i> sp. (lilac)	Netherlands	20			N. Y.
<i>Aegaleus bicinctus</i> (Germar) (Pentatomidae):					
<i>Vitis vinifera</i> (European grape)	Union of South Africa	1			N. Y.
<i>Aeolus pictus</i> (Cand.) (Elateridae):					
Grass sod	Nicaragua			1	Tex.
<i>Agallia lingula</i> Van D. (Cicadellidae):					
Airplane	Guatemala		1		Tex.
<i>Aglossa cuprealis</i> (Hbn.) (Pyralidae):					
<i>Sorghum vulgare technicum</i> (broomcorn)	Azores	1			N. Y.
<i>Triticum aestivum</i> (wheat)	Portugal	1			Mass.
<i>Agonozena argaula</i> Meyr. (Agonoxenidae):					
<i>Cocos nucifera</i> (coconut)	Guam	1			Hawaii.
<i>Agriotes limosus</i> (Lecon.) (Elateridae):					
Soil around cedar seedlings	Canada			1	N. Y.
Soil around evergreen seedlings	do			1	N. Y.
Soil around rose and other plants	do			1	N. Y.
<i>Agriotes obscurus</i> (L.) (Elateridae):					
<i>Armoracia rusticana</i> (horseradish)	Germany, Sweden, Yugoslavia.	5			N. Y.
<i>Spiraea</i> sp.	Netherlands			1	N. J.
<i>Agrotis ypsilon</i> (Rott.) (Phalaenidae):					
Soil around cabbage roots	Canada			1	N. Y.
<i>Akis bacarozzo</i> Schrank (Tenebrionidae):					
<i>Quercus suber</i> (cork oak)	Morocco	2			N. Y.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i> (lime)	Mexico	14	3		Calif.*, Tex.
<i>Citrus aurantifolia</i> (sour lime)	do	5	1		Tex.
<i>Citrus paradisi</i> (grapefruit)	do	1			Tex.
<i>Citrus sinensis</i> (orange)	do	2			Tex.
<i>Citrus</i> sp.	do	9			Tex.
<i>Aleurothrixus myrtacei</i> Bondar (Aleyrodidae):					
<i>Gardenia augusta</i> (gardenia)	Central America	1			Calif.*

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Aleyrodes azaleae</i> Baker & Moles (Aleyrodidae): <i>Rhododendron</i> sp.-----	England-----			2	N. J.
<i>Algarobius prosopis</i> (Lec.) (Bruchidae): Airplane-----	Unknown-----		1		Hawaii.
<i>Allantus cinctus</i> (L.) (Tenthredinidae): <i>Rosa</i> sp.-----	England-----	1			N. Y.
<i>Alpheias conspirata</i> Hein. (Galleriidae): <i>Ananas comosus</i> (pineapple)-----	Mexico-----	3			Tex.
<i>Amorbia emigratella</i> Busck (Tortricidae): <i>Chrysanthemum parthenium</i> (feverfew)-----	do-----	1			Tex.
Flowers-----	Hawaii-----	1			Hawaii.
<i>Psidium guajava</i> (guava)-----	do-----	1			Hawaii.
<i>Punica granatum</i> (pomegranate)-----	Mexico-----	1			Tex.
<i>Vaccinium</i> sp.-----	Hawaii-----	1			Hawaii.
<i>Anastrepha fraterculus</i> (Wied.) (Tephritidae): <i>Citrus sinensis</i> (orange)-----	Brazil-----		1		Tex.
<i>Prunus persica</i> (peach)-----	Mexico-----	1			Tex.
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae): <i>Annona cherimola</i> (cherimoya)-----	Colombia, Peru-----	2			Fla.*
<i>Citrus sinensis</i> (orange)-----	Brazil-----		1		Tex.
<i>Mangifera indica</i> (mango)-----	Chile-----		1		Tex.
<i>Anastrepha ludens</i> (Loew) (Tephritidae): <i>Citrus aurantifolia</i> (sweet lime)-----	Mexico-----	3			Calif., Tex.
<i>Citrus paradisi</i> (grapefruit)-----	do-----	12	2		Tex.
<i>Citrus sinensis</i> (orange)-----	Guatemala, Mexico, unknown.	55	36		Ariz., Calif.* La., N. Y., Tex.
<i>Cydonia oblonga</i> (quince)-----	Mexico-----	1			Tex.
<i>Mangifera indica</i> (mango)-----	do-----	38			Ariz., Calif., Tex.
<i>Punica granatum</i> (pomegranate)-----	do-----	1			Tex.
On floor of refrigerator car-----	do-----		1		Tex.
<i>Anastrepha ludens</i> (Loew) (?) (Tephritidae): <i>Citrus sinensis</i> (orange)-----	do-----	2			Tex.
! <i>Mangifera indica</i> (mango)-----	do-----	1			Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae): <i>Annona</i> sp.-----	Costa Rica-----	1			Calif.*
<i>Mangifera indica</i> (mango)-----	Bahamas, Costa Rica, Cuba, Dominica, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador, Trinidad (?).	70	9		Ala., Calif.*, Fla.*, La., Md., Mass., N. Y., Pa., P. R., St. Thomas & St. John, Tex.
<i>Psidium guajava</i> (gauva)-----	Costa Rica, Dominican Republic, Puerto Rico, Salvador.	4			Calif.*, Fla., La., P. R.
<i>Spondias mombin</i> (yellow mombin)-----	Guatemala, Mexico, Nicaragua, Salvador.	9			Calif.*, La., Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (?) (Tephritidae): <i>Mangifera indica</i> (mango)-----	Panama-----		1		Tex.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae): <i>Achras zapota</i> (sapodilla)-----	Mexico, South America--	1	2		La., P. R., Tex.
<i>Mammea americana</i> (mamey)-----	Mexico-----	1			Tex.
<i>Anastrepha serpentina</i> (Wied.) (?) (Tephritidae): <i>Achras zapota</i> (sapodilla)-----	Nicaragua-----	1			Calif.*
<i>Anastrepha striata</i> Schiner (Tephritidae): <i>Psidium guajava</i> (guava)-----	Mexico-----	1			Calif.
<i>Anastrepha suspensa</i> (Loew) (Tephritidae): <i>Psidium guajava</i> (guava)-----	Cuba-----	1			Fla.*
<i>Ancylostomia stercorea</i> (Zell.) (Phycitidae): <i>Cajanus cajan</i> (pigeonpea)-----	British Virgin Islands, Panama, Puerto Rico, St. Kitts, Tortola, Trinidad.	10			Fla., La., Md., N. Y., P. R., St. Thomas & St. John.
<i>Pisum sativum</i> (pea)-----	Jamaica-----	1			La.

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<i>Anomala cuprea</i> (Hope) (Scarabaeidae): Airplane	Japan		1		Hawaii.
<i>Antonina bambusae</i> (Mask.) (Coccidae): <i>Dendrocalamus giganteus</i>	Canal Zone			1	D. C.
<i>Antonina graminis</i> (Mask.) (Coccidae): Grass	Hawaii	1			Hawaii.
<i>Anuraphis schwartzi</i> Börner (Aphidae): <i>Prunus persica</i> (peach)	Italy			1	N. Y.
<i>Anuraphis tulipae</i> (Fonse.) (Aphidae): <i>Apium graveolens</i> (celery)	Brazil		1		Pa.
<i>Crocus</i> sp.	England			1	Fla.
<i>Gladiolus</i> sp.	Canada, Netherlands			3	Hawaii, N. J.
<i>Iris</i> spp.	England, France, Italy, Netherlands.			9	N. J.
<i>Tulipa</i> sp. (tulip)	France, Netherlands			4	N. J., N. Y.
<i>Aonidiella comperei</i> McKenzie (Coccidae): <i>Citrus</i> sp.	India			1	D. C.
<i>Aonidiella inornata</i> McKenzie (Coccidae): Leaf—unidentified	Wake Island		1		Hawaii.
<i>Apion assimile</i> Kby. (Curculionidae): <i>Trifolium pratense</i> (red clover)	Iran			1	D. C.
<i>Apion carduorum</i> Kby. (Curculionidae): <i>Cynara scolymus</i> (globe artichoke)	France, Italy	1	1		N. Y.
<i>Apion craccae</i> (L.) (Curculionidae): <i>Vicia sativa</i> (vetch)	Germany	1			Mass.
<i>Archimerus scutellaris</i> (Stal) (Coreidae): Orchid	Mexico			1	Tex.
<i>Arctothezia cataphracta</i> (Olaf.) (Coccidae): Peat moss	Newfoundland	1			Va.
<i>Arge rosae</i> (L.) (Argidae): <i>Rosa</i> sp.	Germany	1			N. Y.
<i>Argyresthia conjugella</i> (Zell.) (Hyponomeutidae): <i>Malus sylvestris</i> (apple)	Finland	1			N. Y.
<i>Aspidiotus candidulus</i> Ckll. (Coccidae): <i>Prosopis</i> sp. (mesquite)	Mexico		1		Ariz.
<i>Aspidiotus degeneratus</i> (Leon.) (Coccidae): <i>Camellia japonica</i> (camellia)	Japan			1	Wash.
<i>Aspidiotus destructor</i> Sign. (Coccidae): <i>Cocos nucifera</i> (coconut)	Canal Zone, Guam	1		1	Calif.*, Hawaii.
Palm	Japan, Philippines		2		Calif.*, Pa.
<i>Persea americana</i> (avocado)	Panama	1			Calif.*
<i>Aspidiotus diffinis</i> Newst. (Coccidae): <i>Jatropha ciliata</i>	Guatemala			1	Calif.*
<i>Persea americana</i> (avocado)	Mexico			1	Tex.
<i>Philodendron</i> sp.	Colombia			1	Calif.*
<i>Aspidiotus herculeanus</i> Ckll. & Hadd. (Coccidae): <i>Persea skutchii</i>	Honduras			1	Calif.*
<i>Aspidiotus palmarum</i> Ckll. (Coccidae): <i>Billbergia</i> sp.	France			1	N. J.
<i>Citrus</i> sp.	Brazil		1		Fla.*
<i>Heliconia imbricata</i>	Costa Rica			1	Hawaii.
<i>Aspidiotus zonatus</i> Frauent. (Coccidae): <i>Juglans</i> sp.	Iran			1	D. C.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae): Bamboo	Guam, Mozambique	1	1		Hawaii, Pa.
<i>Asterolecanium degeneratum</i> Rsl. (Coccidae): <i>Cocos nucifera</i> (coconut)	Nicaragua	1			Calif.*
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae): <i>Aspasia epidendroides</i> (orchid)	Canal Zone			1	Calif.*
<i>Cattleya granulosa</i> (orchid)	Brazil			1	N. J.
<i>Gongora</i> sp. (orchid)	Canal Zone			1	Fla.
<i>Oncidium</i> spp. (orchid)	Trinidad			1	N. J.
Orchid	Cuba, Jamaica			2	Fla.
<i>Spathiphyllum</i> sp.	Colombia			1	Calif.*
<i>Asterolecanium miliaris miliaris</i> (Bdv.) (Coccidae): Bamboo	British Guiana, Jamaica	2			Fla.*
<i>Asterolecanium miliaris robustum</i> Green (Coccidae): Bamboo	Antigua, St. Kitts	2			Mass.

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<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae):					
<i>Hibiscus</i> var.....	Hawaii.....			1	Calif.*
<i>Athous haemorrhoidalis</i> (F.) (Elateridae):					
Soil around gloxinia bulbs.....	Belgium.....			1	N. Y.
<i>Athous hirtus</i> (Hbst.) (Elateridae):					
<i>Armoracia rusticana</i> (horseradish).....	Sweden.....	1			N. Y.
<i>Syringa</i> sp. (lilac).....	Netherlands.....	1			N. Y.
<i>Athous niger</i> (L.) (Elateridae):					
<i>Armoracia rusticana</i>	Germany.....	1			N. Y.
<i>Augochlora cyaneoviridis</i> Ashm. (Halictidae):					
<i>Cocos nucifera</i> (coconut).....	St. John.....	1			St. Thomas & St. John.
<i>Aulacaspis tubercularis</i> Newst. (Coccidae):					
<i>Mangifera indica</i> (mango).....	Guatemala, Salvador, Venezuela.....	5			Calif.*, Fla.*
<i>Automeris boucardi</i> Druce (Saturniidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Barathra brassicae</i> (L.) (Phalaenidae):					
<i>Brassica oleracea capitata</i> (cabbage).....	Belgium.....		1		Ga.
<i>Baris lepidii</i> Germ. (Curculionidae):					
<i>Armoracia rusticana</i> (horseradish).....	Germany, Poland, Yugoslavia.....	12			Md., N. J. N. Y.
<i>Bemisia inconspicua</i> (Q.) (Aleyrodidae):					
<i>Ipomoea</i> sp.....	Peru.....			1	D. C.
<i>Bephrata maculicollis</i> Cam. (Eurytomidae):					
<i>Annona muricata</i> (soursop).....	Colombia, Tobago.....	2			N. Y., P. R.
<i>Betarmon bigeminatus</i> (Rabd.) (Elateridae):					
Soil and debris around evergreen seedlings.....	Canada.....			1	N. Y.
<i>Blissus diplopterus</i> Dist. (Lygaeidae):					
<i>Moraea</i> sp.....	Union of South Africa.....			1	D. C.
<i>Pentastictis angustifolia</i>	do.....			1	D. C.
<i>Phalaris</i> sp.....	do.....			1	D. C.
<i>Blissus leucopterus</i> (Say) (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Blissus leucopterus insularis</i> Barb. (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Zantedeschia aethiopica</i> (calla lily).....	do.....	1			Tex.
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic).....	Italy.....	1	1		N. Y.
<i>Brachycerus algirus</i> (F.) (Curculionidae):					
<i>Allium sativum</i> (garlic).....	Italy, Spain.....	13	6		N. Y., P. R., Tex.
<i>Brachyplax palliata</i> (Costa) (Lygaeidae):					
<i>Bromus</i> sp.....	Turkey.....			1	D. C.
<i>Bradybaena similis</i> (Fer.) (Mollusca):					
<i>Anthurium</i> sp.....	Hawaii.....	1			Hawaii.
<i>Cordyline terminalis</i> (ti).....	do.....	1			Hawaii.
Plant material—undetermined.....	Hawaii, Jamaica.....	1		1	Fla., Hawaii.
Tree fern.....	Hawaii.....			1	Hawaii.
Vanda "Miss Joaquim".....	do.....	1			Hawaii.
<i>Brevipalpus australis</i> (Tucker) (Phytoptipalpidae):					
<i>Citrus limon</i> (lemon).....	Spain.....			1	D. C.
<i>Citrus</i> sp.....	China, India.....			2	D. C.
<i>Brevipalpus inornatus</i> (Banks) (Phytoptipalpidae):					
<i>Aucuba japonica</i> (Japanese aucuba).....	Japan.....		1		Pa.
<i>Brevipalpus oncidii</i> Baker (Phytoptipalpidae):					
<i>Masdevallia</i> spp. (orchid).....	England.....			1	Calif.*
<i>Brevipalpus phoenicis</i> (Geijskes) (Phytoptipalpidae):					
<i>Camellia reticulata</i> (netvein camellia).....	China.....			1	D. C.
<i>Citrus sinensis</i> (orange).....	Mexico, Morocco.....		1	1	Fla.*, D. C.
<i>Citrus</i> sp.....	Brazil, India.....		1	1	Fla.*, D. C.
<i>Fragaria</i> sp. (strawberry).....	Dominican Republic.....			1	P. R.
<i>Bruchidius angustifrons</i> Shilsky (Bruchidae):					
<i>Sesbania bispinosa</i>	India.....			1	D. C.
<i>Sesbania sesban</i>	India, Pakistan.....			2	D. C.
<i>Bruchidius caeruleus</i> (Champ.) (Bruchidae):					
<i>Desmodium tiliaefolium</i> (lindenleaf tickclover).....	India.....			1	D. C.
<i>Bruchidius caninus</i> (Kraatz) (Bruchidae):					
<i>Astragalus baeticus</i>	Portugal.....			1	D. C.
<i>Bruchidius gilvus</i> (Gyll.) (Bruchidae):					
<i>Onobrychis viciaefolia</i> (sainfoin).....	Turkey.....			4	D. C.

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<i>Bruchidius halodendri</i> (Gebler) (Bruchidae): <i>Glycyrrhiza glabra</i> (licorice)-----	Syria-----			1	D. C.
<i>Bruchidius incarnatus</i> (Boh.) (Bruchidae): <i>Vicia faba</i> (broadbean)-----	Egypt, Italy, Lebanon--	3			La., Mass., N. Y.
<i>Bruchidius nanus</i> (Germ.) (Bruchidae): <i>Medicago orbicularis</i> (button medic)-----	Greece-----			1	D. C.
<i>Bruchus azoricus</i> Cr. (Bruchidae): <i>Vicia</i> sp-----	Portugal-----			1	Calif.*
<i>Bruchus azoricus</i> Cr. (?) (Bruchidae): <i>Lathyrus</i> sp. (?)-----	Azores-----			1	Mass.
<i>Vicia sativa</i> (vetch)-----	Portugal-----			1	N. Y.
<i>Vicia</i> sp-----	do-----	1			Mass.
<i>Bruchus brachialis</i> Fahr. (Bruchidae): <i>Vicia villosa</i> (hairy vetch)-----	Canada, France-----			3	D. C., N. Y.
<i>Vicia sativa</i> (vetch)-----	Canada-----			2	N. Y.
<i>Vicia</i> sp-----	Greece-----			1	D. C.
<i>Bruchus dentipes</i> Baudi (Bruchidae): <i>Vicia faba</i> (broadbean)-----	Afghanistan, Lebanon--	3	2		D. C., Mich., N. Y.
<i>Vicia sativa</i> (vetch)-----	Liberia-----			1	Ill.
<i>Bruchus ervi</i> Froel. (Bruchidae): <i>Lens culinaris</i> (lentil)-----	France, Italy, Lebanon, Syria.	8			Mass., N. Y.
<i>Bruchus lentis</i> Froel. (Bruchidae): <i>Lens culinaris</i> (lentil)-----	Azores, Greece, Italy, Lebanon.	9		1	D. C., Mass., N. Y., S. C.
<i>Bruchus luteicornis</i> Ill. (Bruchidae): <i>Vicia sativa</i> (vetch)-----	France, Germany, Spain--	5			Ala., N. Y.
<i>Bruchus rufipes</i> Hbst. (Bruchidae): <i>Vicia sativa</i> (vetch)-----	France, Italy, Portugal, Turkey.	4		1	D. C., La., Mass., Pa.
<i>Vicia</i> sp-----	Italy-----			2	Mass., N. Y.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae): <i>Lens culinaris</i> (lentil)-----	do-----	9			N. Y.
<i>Bruchus tristiculus</i> Fahr. (Bruchidae): <i>Lathyrus odoratus</i> (sweetpea)-----	Greece-----			1	N. Y.
<i>Lathyrus sativus</i> (grass pea)-----	Azores-----			1	Mass.
<i>Bruchus tristis</i> Bob. (Bruchidae): <i>Lathyrus cicera</i> -----	Iran, Turkey-----			2	D. C.
<i>Lathyrus sativus</i> (grass pea)-----	Italy-----	3		1	N. Y.
<i>Lathyrus</i> sp-----	Azores, Italy, Yugo- slavia.	4			Mass., N. Y., Pa.
<i>Vicia ervilia</i> (bitter vetch)-----	Greece-----			1	D. C.
<i>Bruchus ulicis</i> Muls. (Bruchidae): <i>Vicia ervilia</i> (bitter vetch)-----	Afghanistan, Turkey---			2	D. C.
<i>Vicia faba</i> (broadbean)-----	Afghanistan-----			1	D. C.
<i>Cacographis osteolalis</i> Led. (Schoenobiidae): <i>Colocasia</i> sp-----	Mexico-----			2	Tex.
<i>Callosobruchus analis</i> (F.) (Bruchidae): Bean-----	India, Japan-----		2		N. Y.
<i>Cicer arietinum</i> (chickpea)-----	India-----			1	D. C.
<i>Dolichos lablab</i> (hyacinth-bean)-----	do-----			1	D. C.
<i>Pisum sativum</i> (pea)-----	do-----			1	D. C.
<i>Callosobruchus maculatus</i> (F.) (Bruchidae): Airplane-----	Burma-----		1		N. Y.
<i>Asparagus sprengeri</i> (Sprenger asparagus)-----	Germany-----			1	N. Y.
Bean-----	Canal Zone, Cape Verde Islands, Formosa, Greece, Italy, Nigeria, Philippines.	4	1	3	H a w a i i , Mass., P. R., Tex.
<i>Beta vulgaris cicla</i> (Swiss chard)-----	Mexico-----	1			Ariz.
<i>Cajanus cajan</i> (pigeonpea)-----	Bahamas, Canal Zone, Jamaica, Portugal, Virgin Islands.	4		2	D. C., Fla., Mass., N. J., N. Y.
<i>Cicer arietinum</i> (chickpea)-----	Egypt, India, Mexico, Pakistan.	2	1	1	D. C., N. Y., Pa., Tex.
<i>Dolichos lablab</i> (hyacinth-bean)-----	India-----			2	D. C.
<i>Glycine soja</i> (soybean)-----	Japan-----		1		Tex.
<i>Lens culinaris</i> (lentil)-----	India-----			1	D. C.

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<i>Callosobruchus maculatus</i> —Continued					
<i>Oryza sativa</i> (rice).....	Japan.....	1			Wash.
<i>Phaseolus aconitifolius</i> (moth bean).....	India.....			1	D. C.
<i>Phaseolus aureus</i> (mung bean).....	Burma, India, Pakistan, Philippines.	3	1	5	D. C., Hawaii, N. Y., Tex.
<i>Phaseolus calcaratus</i> (rice bean).....	Burma.....			1	D. C.
<i>Phaseolus lunatus</i>	Cape Verde Islands.....	1			Mass.
<i>Phaseolus mungo</i> (mungo bean).....	Pakistan.....			2	D. C.
<i>Phaseolus vulgaris</i>	do.....			1	D. C.
<i>Phaseolus</i> sp.....	British West Indies, Italy.....	2			N. J., N. Y.
<i>Pisum sativum</i> (pea).....	Canada (?), Italy, Jamaica, Japan.	1	2	1	N. Y., Pa., Tex., Wash.
<i>Pueraria lobata</i> (kudzu-bean).....	Japan.....		1		Tex.
Tree seed.....	India.....			1	N. J.
<i>Vicia sativa</i> (vetch).....	Turkey.....			1	D. C.
<i>Vigna cylindrica</i>	Pakistan.....			1	D. C.
<i>Vigna sesquipedalis</i> (asparagus bean).....	India, Kenya.....			2	D. C.
<i>Vigna sinensis</i> (cowpea).....	Cuba, India, Italy, Jamaica, Pakistan.	3		7	D. C., N. Y.
<i>Vigna</i> sp.....	Afghanistan, Anguilla, Nigeria.	1		3	D. C., Mass.
<i>Callosobruchus phaseoli</i> (Boh.) (Bruchidae):					
Airplane.....	Philippines.....		1		Hawaii
<i>Cajanus cajan</i> (pigeonpea).....	India.....			1	D. C.
<i>Dolichos lablab</i> (hyacinth-bean).....	British West Indies, Burma.	2			N. Y.
Seed—leguminous.....	Pakistan.....	1			La.
<i>Callosobruchus theobromae</i> (L.) (Bruchidae):					
<i>Atylosia scarabaeoides</i>	India.....			1	D. C.
<i>Cajanus cajan</i> (pigeonpea).....	do.....			1	D. C.
<i>Phaseolus calcaratus</i> (rice bean).....	Burma.....	1			N. Y.
<i>Canthon triangularis</i> (Drury) (Scarabaeidae):					
<i>Heliconia humilis</i>	Trinidad.....	1			P. R.
<i>Capaneus tetricus</i> Stal (Coreidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Carposina sasakii</i> Mats. (Carposinidae):					
<i>Malus sylvestris</i> (apple).....	Japan.....		3		Hawaii, Wash.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Acacia arabica</i> (babul acacia).....	Greece.....	1			N. Y.
Airplane.....	Hawaii.....		1		Hawaii.
Baggage.....	do.....	1			Hawaii.
<i>Cassia fistula</i>	do.....	2			Hawaii.
<i>Cassia</i> sp.....	do.....	4			Calif.*, Hawaii.
<i>Tamarindus indica</i> (tamarind).....	Hawaii, India.....	2			Hawaii, N. Y.
<i>Caryopemon cruciger</i> (Steph.) (Bruchidae):					
<i>Abrus praecatorius</i> (rosary-pea).....	Rhodesia.....	2			N. Y.
<i>Caulophilus latinasus</i> (Say) (Curculionidae):					
<i>Persea americana</i> (avocado).....	Canal Zone, Mexico.....			2	Hawaii.
<i>Cephalodonta callosa</i> Baly (Chrysomelidae):					
Bromeliad.....	Canal Zone.....			1	Tex.
Orchid.....	Panama.....			1	Calif.*
<i>Ceratitidis capitata</i> (Wied.) (Tephritidae):					
<i>Capsicum frutescens</i> (pepper).....	Hawaii.....		1		Tex.
<i>Citrus limon</i> (lemon).....	Italy.....	1			N. Y.
<i>Citrus paradisi</i> (grapefruit).....	Canary Islands, Egypt.....	1	3		Mass., N. Y.
<i>Citrus reticulata</i> (Mandarin orange).....	Algeria, Hawaii, Italy, Portugal.	7	6		Hawaii, Mass., N. Y., Pa.
<i>Citrus sinensis</i> (orange).....	Brazil, Canary Islands, Italy, Portugal, Spain.	5	5		Md., Mass.
<i>Coffea</i> sp. (coffee).....	Brazil, Hawaii.....	11			N. Y., Tex.
<i>Cydonia oblonga</i> (quince).....	Argentina, Greece.....	2			Calif.*, Hawaii, La., N. Y.
<i>Malus sylvestris</i> (apple).....	Italy, Spain.....	1	1		N. Y., Pa.
<i>Mangifera indica</i> (mango).....	Hawaii.....	2			Hawaii.
<i>Opuntia humifusa</i> (pricklypear).....	Italy.....	1			N. Y.
<i>Persea americana</i> (avocado).....	Hawaii.....	1			Hawaii.

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<i>Ceratitis capitala</i> —Continued					
<i>Prunus armeniaca</i> (apricot).....	Italy, Portugal.....	1	1		Ala., N. Y.
<i>Prunus persica</i> (peach).....	Italy.....	2			N. Y.
<i>Prunus persica nectarina</i> (nectarine).....	do.....	1			N. Y.
<i>Psidium guajava</i> (guava).....	Azores, Union of South Africa.....	1	1		La., Mass.
<i>Pyrus communis</i> (pear).....	Spain.....		1		Pa.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Citrus paradisi</i> (grapefruit).....	Brazil, Italy, Spain.....		4		Ala., Pa.
<i>Citrus reticulata</i> (Mandarin orange).....	Lebanon.....		1		Pa.
<i>Citrus sinensis</i> (orange).....	Algeria, Argentina, Italy.....	1	3		Md., Mass., N. Y.
<i>Coffea</i> sp. (coffee).....	Brazil, Hawaii.....	14			Calif.*; Hawaii, N. Y.
<i>Crataegus</i> sp.....	Italy.....	1			N. Y.
<i>Cydonia oblonga</i> (quince).....	do.....	2			N. Y.
<i>Ficus carica</i> (fig).....	Greece, Madeira Islands.....	2			N. Y.
<i>Mespilus germanica</i> (medlar).....	Italy.....	1			N. Y.
<i>Opuntia humifusa</i> (pricklypear).....	do.....	2			Mass., N. Y.
<i>Prunus armeniaca</i> (apricot).....	Portugal.....	1			N. Y.
<i>Psidium guajava</i> (guava).....	Israel, Italy.....	2			Mass., N. Y.
<i>Sorbus</i> sp. (sorbe apple).....	Italy.....	1			N. Y.
<i>Cerconota anonella</i> (Sepp) (Stenomidae):					
<i>Annona muricata</i> (soursop).....	Colombia, Tobago, Trinidad.....	3	1		La., N. Y., P. R.
<i>Ceresium unicolor</i> (Oliv.) (Cerambycidae):					
<i>Airplane</i>	Guam, Hawaii.....		2		Hawaii.
<i>Heliconia</i> sp.....	Hawaii.....	1			Hawaii.
<i>Cerococcus ornatus</i> Green (?) (Coccidae):					
<i>Zizyphus jujuba</i> (jujube).....	Pakistan.....			1	D. C.
<i>Ceropyastes rubens</i> Mask. (Coccidae):					
<i>Citrus sinensis</i> (orange).....	Japan.....		1		Pa.
<i>Citrus</i> sp.....	do.....			1	Wash.
<i>Mangifera indica</i> (mango).....	Philippines.....			1	Hawaii.
<i>Pinus</i> sp. (5-leaved pine).....	Japan.....			1	Calif.*
<i>Ceroplastes sinensis</i> Del Guer. (Coccidae):					
<i>Citrus paradisi</i> (grapefruit).....	Morocco.....			1	D. C.
<i>Ceutorhynchus pleurostigma</i> Msh. (Curculionidae):					
<i>Brassica napobrassica</i> (rutabaga).....	England.....		1		Tex.
<i>Brassica oleracea capitata</i> (cabbage).....	Germany.....		1		Pa.
<i>Brassica rapa</i> (turnip).....	England.....		1		Tex.
<i>Chalepus bellulus</i> Chap. (Chrysomelidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Chalepus hornianus</i> Ws. (Chrysomelidae):					
<i>Monstera</i> sp.....	do.....			1	Tex.
<i>Philodendron</i> sp.....	do.....			2	Tex.
<i>Chalepus signaticollis</i> Baly (Chrysomelidae):					
Palm.....	do.....	1			Tex.
<i>Chelysoma variabilis</i> (H.-S.) (Pentatomidae):					
Orchid.....	Mexico.....			2	Tex.
<i>Chilo suppressalis</i> (Wlk.) (Crambidae):					
<i>Oryza sativa</i> (rice).....	Japan, Spain.....	8	5		Ala., Calif.*, Hawaii, La., N. Y., Oreg., Pa., Va.
<i>Chrysogramma octomaculata</i> Jac. (Chrysomelidae):					
<i>Polystachya</i> sp. (orchid).....	Rhodesia.....			1	N. J.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae):					
<i>Persea americana</i> (avocado).....	Mexico.....	1			Tex.
<i>Chrysomphalus decorosus</i> (Ferris) (Coccidae):					
<i>Bromeliad</i>	do.....			1	Calif.*
<i>Chrysomphalus inopinatus</i> (Leon.) (Coccidae):					
<i>Pistacia</i> sp. (pistache).....	Lebanon.....	1			N. Y.
<i>Chrysomphalus nigropunctatus</i> (Ckll.) (Coccidae):					
<i>Laelia autumnalis</i> (orchid).....	Mexico.....			1	Calif.*
<i>Chrysomphalus odontoglossi</i> (Ckll.) (Coccidae):					
<i>Oncidium luridum</i> (orchid).....	Jamaica.....			1	Hawaii.

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<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit).....	Chile.....		1		Calif.*
<i>Cocos nucifera</i> (coconut).....	Mexico.....	1			Calif.*
<i>Persea americana</i> (avocado).....	do.....			1	Tex.
<i>Philodendron</i> sp.....	do.....			1	Fla.
<i>Chrysomphalus pinnulifera</i> (Mask.) (Coccidae):					
<i>Olea europaea</i> (olive).....	Greece.....	1			N. Y.
<i>Chrysomphalus scutiformis</i> (Ckll.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Guatemala.....	1			Calif.*
<i>Chrysomphalus sphaeroides</i> (Ckll.) (Coccidae):					
<i>Chamaedorea oblongata</i>	Mexico.....	1			Tex.
<i>Chamaedorea</i> spp.....	do.....			1	Tex.
<i>Philodendron</i> sp.....	do.....			1	Calif.*
<i>Chrysomphalus tenax</i> (McKenzie) (Coccidae):					
<i>Philodendron</i> sp.....	do.....			3	Tex.
Twig—unidentified.....	do.....	1			Tex.
<i>Chrysomphalus tingi</i> (McKenzie) (Coccidae):					
<i>Phalaenopsis amabilis</i> "Aphrodite".....	Philippines.....			1	Calif.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Panama.....	1			Calif.*
<i>Odontoglossum</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Clerada apicicornis</i> Sign. (Lygaeidae):					
<i>Lilium</i> sp. (lily).....	Bermuda.....	2			N. Y.
<i>Coccus capparidis</i> (Green) (Coccidae):					
<i>Cypripedium</i> sp. (orchid).....	India.....			2	N. J.
<i>Dendrobium</i> sp. (orchid).....	do.....			1	N. J.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Citrus limon</i> (lemon).....	Spain.....		1		Fla.*
<i>Citrus reticulata</i> var. (King orange).....	Puerto Rico.....	1			P. R.
<i>Coffea</i> sp. (coffee).....	Cuba, Haiti, Hawaii.....	3			Calif.*, Fla.*
<i>Gardenia augusta</i> (gardenia).....	Canal Zone, Costa Rica, Cuba, Hawaii, Swan Island.....	19	3	3	Calif.*, Fla.*, Hawaii.
<i>Ixora</i> sp.....	Hawaii.....			1	Calif.*
<i>Mangifera indica</i> (mango).....	Cuba.....	1			Fla.*
<i>Coeliodes rubicindus</i> Hbst. (Curculionidae):					
Packing around rhododendron plants.....	England.....			1	Wash.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado).....	Mexico.....	23			Ariz., Tex.
<i>Coptophylla gymnaspiis</i> (Nal.) (Eriophyidae):					
<i>Acer</i> sp. (maple).....	France.....		3		Mass., N. Y.
<i>Coptotermes formosanus</i> Shiraki (Rhinotermitidae):					
Orchid.....	Hawaii.....	1			Hawaii.
<i>Cordylomera spinicornis</i> (F.) (Cerambycidae):					
<i>Khaya</i> sp.....	French Equatorial Africa, French West Africa.....	3			La., Pa.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Mexico.....			1	Tex.
<i>Crociosema plebeiana</i> Zell. (Olethreutidae):					
<i>Hibiscus esculentus</i> (okra).....	Cuba.....	1			N. Y.
<i>Zinnia</i> sp.....	Bahamas.....	1			Fla.*
<i>Cryptoblabes gnidiella</i> (Mill.) (Phycitidae):					
<i>Caryota</i> sp.....	Brazil.....			1	P. R.
<i>Citrus reticulata</i> (Mandarin orange).....	Azores.....		1		Mass.
<i>Citrus sinensis</i> (orange).....	Spain.....		2		Ga., N. Y.
<i>Eriobotrya japonica</i> (loquat).....	Bermuda.....	1			N. Y.
<i>Punica granatum</i> (pomegranate).....	Greece, Italy, Libya, Portugal, Spain.....	6	1		Ala., Mass., N. Y., Pa.
<i>Vitis</i> sp. (grape).....	Italy.....	1			Mass.
<i>Cryptophlebia illepidia</i> (Btlr.) (Olethreutidae):					
<i>Macadamia</i> sp.....	Hawaii.....	1			Hawaii.
<i>Sapindus saponaria</i>	do.....	1			Hawaii.
<i>Cryptophlebia ombrodelta</i> (Lower) (Olethreutidae):					
<i>Pithecellobium dulce</i>	Philippines.....	1			Guam.
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermitidae):					
Carton box.....	Hawaii.....	1			Hawaii.
<i>Curculio elephas</i> (Gyll.) (Curculionidae):					
<i>Castanea</i> sp. (chestnut).....	Italy, Yugoslavia.....	15			Mass., N. Y.

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<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)-----	Bahamas, Cuba, Dominican Republic, Mexico, Venezuela.	7	5	-----	Fla.*, Md., N. Y., P. R., Tex.
<i>Cylas formicarius</i> (F.), possibly <i>formicarius</i> F. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)-----	India-----	-----	1	-----	Ga
<i>Cylas puncticollis</i> (Boh. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)-----	British West Africa, Nigeria.	-----	2	-----	N. Y., Pa.
<i>Dactylopius coccus</i> Costa (Coccidae): <i>Grusonia cereiformis</i> (cactus)-----	Mexico-----	-----	-----	1	Tex.
<i>Dacus cucurbitae</i> (Coq.) (Tephritidae): <i>Anthurium</i> sp.-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Capsicum frutescens</i> (pepper)-----	do-----	-----	2	-----	Calif.*
<i>Capsicum frutescens grossum</i> (bell pepper)-----	do-----	-----	1	-----	Calif.*
<i>Cucumis sativus</i> (cucumber)-----	do-----	-----	3	-----	Calif.*
<i>Cucurbita pepo</i> (pumpkin)-----	do-----	-----	1	-----	Tex.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	-----	9	-----	Calif.*, Hawaii.
<i>Phaseolus vulgaris</i> var. (string bean)-----	Hawaii-----	3	-----	-----	Hawaii.
<i>Dacus cucurbitae</i> (Coq.) (?) (Tephritidae): <i>Cucumis sativus</i> (cucumber)-----	do-----	-----	5	-----	Calif.*
<i>Dacus dorsalis</i> Hend. (Tephritidae): Airplane-----	do-----	-----	4	-----	Hawaii.
<i>Eugenia malaccensis</i> (Malay-apple)-----	do-----	1	-----	-----	Hawaii.
<i>Mangifera indica</i> (mango)-----	Guam, Hawaii-----	5	-----	-----	Calif.*, Hawaii.
<i>Musa paradisiaca sapientum</i> (banana)-----	Hawaii-----	3	-----	-----	Calif.*
<i>Ochrosia elliptica</i> -----	do-----	1	-----	-----	Calif.*
<i>Persea americana</i> (avocado)-----	do-----	2	-----	-----	Calif.*
<i>Prunus persica</i> (peach)-----	do-----	1	-----	-----	Calif.*, Hawaii.
<i>Psidium guajava</i> (guava)-----	do-----	1	-----	-----	Hawaii.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae): <i>Citrus paradisi</i> (grapefruit)-----	Ceylon-----	-----	1	-----	Ga.
<i>Persea americana</i> (avocado)-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Sandoricum koetjape</i> (santol)-----	Philippines-----	1	-----	-----	Hawaii.
<i>Terminalia catappa</i> (India-almond)-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Dacus oleae</i> Gmel. (Tephritidae): <i>Olea europaea</i> (olive)-----	Egypt, Greece, Italy, Lebanon.	25	1	-----	Mass., N. Y., Va.
<i>Dacus oleae</i> (Gmel.) (?) (Tephritidae): <i>Olea europaea</i> (olive)-----	Italy-----	-----	1	-----	Va.
<i>Deloyala guttata</i> (Oliv.) (Chrysomelidae): <i>Chrysanthemum</i> sp.-----	Canada-----	-----	-----	1	N. Y.
Fern-----	Mexico-----	1	-----	-----	Tex.
Orchid-----	do-----	-----	-----	2	Tex.
<i>Dendrothrips ornatus</i> (Jabl.) (Thripidae): <i>Syringa</i> sp. (lilac)-----	Netherlands-----	-----	-----	1	N. J.
<i>Deroceras reticulatum</i> (Muller) (Mollusca): <i>Allium porrum</i> (leek)-----	England-----	-----	1	-----	Pa.
<i>Aster</i> sp.-----	Haiti-----	1	-----	-----	P. R.
<i>Brassica oleracea capitata</i> (cabbage)-----	Argentina, Belgium, Brazil, Spain.	-----	6	-----	Ga., La., Pa., P. R.
<i>Brassica rapa</i> (turnip)-----	Northern Ireland-----	-----	1	-----	N. Y.
<i>Cichorium endivia</i> (endive)-----	Belgium-----	1	-----	-----	N. Y.
<i>Pachyrhizus</i> sp. (yam bean)-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Petroselinum crispum</i> (parsley)-----	Australia-----	-----	1	-----	Hawaii.
Plant—unidentified-----	Wales-----	-----	1	-----	N. Y.
Soil around cedar seedlings-----	Canada-----	-----	-----	1	N. Y.
Soil around hydrangea plants-----	Iceland-----	-----	-----	1	N. Y.
<i>Vitis</i> sp. (grape)-----	England-----	-----	-----	1	N. Y.
<i>Diachus auratus</i> (F.) (Chrysomelidae): <i>Hibiscus</i> sp.-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae): <i>Rhododendron</i> sp.-----	Netherlands-----	-----	-----	12	N. J.

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<i>Dialeurodes chittendeni</i> Laing (?) (Aleyrodidae):					
<i>Rhododendron catawbiense</i>	Netherlands.....			1	N. J.
<i>Rhododendron roseum</i>	do.....			1	N. J.
<i>Rhododendron</i> sp.....	England.....			2	N. J.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae):					
<i>Citrus sinensis</i> (orange).....	Japan.....		1		Calif.*
<i>Gardenia augusta</i> (gardenia).....	do.....		1		Hawaii.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae):					
<i>Jasminum sambac</i> (Arabian jasmine).....	China (?).....			1	Calif.*
<i>Dichocrocis punctiferalis</i> (Guen.) (Pyraustidae):					
Soil around dwarf trees.....	Japan.....			1	Hawaii.
<i>Dinaspis aculeata</i> Ferris (?) (Coccidae):					
<i>Chamaedorea oblongata</i>	Mexico.....	2			Tex.
<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae):					
Bamboo basket.....	Costa Rica.....			1	Tex.
<i>Oryza sativa</i> (rice).....	Japan.....	1			Calif.*
<i>Smilax</i> sp.....	Jamaica.....	1			Mass.
<i>Diocalandra taitensis</i> Guer. (Curculionidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	3			Hawaii.
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae):					
Orchid.....	Guatemala, Mexico.....			4	Fla., Tex., Wash.
<i>Diploxys capensis</i> (Dallas) (Pentatomidae):					
<i>Andropogon appendiculatus</i>	Union of South Africa.....			1	D. C.
<i>Disonychia collata</i> (F.) (Chrysomelidae):					
Herb.....	Mexico.....	1			Ariz.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Ariz.
Orchid.....	do.....			1	Tex.
<i>Draeculacephala producta</i> (Wlk.) (Cicadellidae):					
Airplane.....	Central America.....		1		La.
<i>Draeculacephala producta</i> (Wlk.) (?) (Cicadellidae):					
Flowers—unidentified.....	Mexico.....	1			Tex.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae):					
<i>Allium sativum</i> (garlic).....	Hungary, Italy, Morocco.....	10			Calif.,* Mass., N. Y.
<i>Epidiaspis gennadii</i> (Leon.) (Coccidae):					
<i>Pistacia drupe</i>	Cyprus.....	1			N. J.
<i>Epidiaspis piricola</i> (del Guer.) (Coccidae):					
<i>Prunus</i> sp.....	France.....			1	D. C.
<i>Epilachna varivestis</i> Muls. (Coccinellidae):					
<i>Chamaedorea</i> sp.....	Mexico.....	1			Tex.
Orchid.....	do.....			1	Tex.
<i>Epinotia opposita</i> Hein. (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean).....	Mexico, Panama, Peru, Venezuela.....		5		Ala., Md., Pa., Tex.
<i>Ereunetis flavistriata</i> Wlsm. (Tineidae):					
<i>Ananas comosus</i> (pineapple).....	Hawaii.....	3			Hawaii.
<i>Cocos nucifera</i> (coconut).....	do.....	2			Hawaii.
<i>Eriophyes canestrinii</i> (Nal.) (Eriophyidae):					
<i>Buxus</i> sp. (box).....	Netherlands.....			1	N. J.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Gardenia augusta</i> (gardenia).....	Panama.....	1			Fla.*
<i>Laurus nobilis</i> (Grecian laurel).....	Barbados.....	1			Mass.
<i>Mangifera indica</i> (mango).....	Tortola.....			2	St. Thomas & St. John.
<i>Eurytoma onobrychidis</i> Nicolsky (Eurytomidae):					
<i>Onobrychis lanata</i>	Iraq.....			1	D. C.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya</i> sp. (orchid).....	Brazil, Venezuela.....			4	Fla., N. J.
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Cuba, Hawaii, Tortola.....	2		1	D. C., Hawaii, St. Croix.
<i>Eutetranychus banksi</i> (McG.) (Tetranychidae):					
<i>Citrus</i> sp.....	Mexico.....	1			Ariz.
<i>Evergestis forficalis</i> (L.) (Pyraustidae):					
<i>Beta vulgaris cicla</i> (Swiss chard).....	Netherlands.....		1		N. Y.
<i>Brassica oleracea botrytis</i> (cauliflower).....	do.....		1		Va.
<i>Brassica oleracea capitata</i> (cabbage).....	Belgium.....		2		Ga.

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<i>Exptochiomera confusa</i> Barber (Lygaeidae):					
<i>Gladiolus</i> sp.	Mexico	1			Tex.
<i>Malus sylvestris</i> (apple)	do	1			Tex.
<i>Eysarcoris inconspicuus</i> (H.-S.) (Pentatomidae):					
<i>Pentaschistis angustifolia</i>	Union of South Africa			1	D. C.
<i>Farinococcus guatemalensis</i> Ferris (or a very closely related form) (Coccidae):					
Orchid	Mexico			1	Tex.
<i>Ferrisia virgata</i> (Ckll.) (Coccidae):					
<i>Codiaeum</i> sp. (croton)	Canal Zone			1	Calif.*
<i>Mangifera indica</i> (mango)	Philippines			1	Hawaii.
Shrub	Mexico	1			Tex.
<i>Frankliniella bispinosa</i> (Morg.) (Thripidae):					
<i>Begonia</i> sp.	Bermuda			1	N. Y.
<i>Hibiscus</i> sp.	do	1			N. Y.
<i>Lonicera</i> sp. (honeysuckle)	do	1			N. Y.
<i>Narcissus</i> sp.	do	1			N. Y.
<i>Polianthes tuberosa</i> (tuberose)	do	1			N. Y.
<i>Frankliniella formosae</i> Mlt. (Thripidae):					
<i>Crysanthemum</i> sp.	Japan	1	1		Wash.
<i>Frankliniella intonsa</i> (Tryb.) (Thripidae):					
Flowers—assorted	Germany	1			Mass.
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	1			Ill.
<i>Frankliniella tenuicornis</i> (Uzel) (Thripidae):					
<i>Armoracia rusticana</i> (horseradish)	Sweden	1			N. Y.
<i>Fulvius anthocorides</i> Stal (Miridae):					
Orchid	Mexico			1	Tex.
<i>Fulvius brevicornis</i> Reuter (Miridae):					
Cactus	Jamaica	1			La.
<i>Fundella pelluscens</i> (Zell.) (Phycitidae):					
<i>Vigna sinensis</i> (cowpea)	Puerto Rico	1			P. R.
<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
<i>Aerides</i> sp. (orchid)	Panama			1	N. J.
<i>Brassavola nodosa</i> (orchid)	Canal Zone			2	Calif.*
<i>Cattleya</i> sp. (orchid)	Canal Zone, Colombia, St. Thomas.	1		4	Calif.*, Fla., St. Thomas & St. John.
<i>Coelogyne</i> (?) sp. (orchid)	Panama			1	N. J.
<i>Dendrobium</i> "Wilkianum"	Australia			1	Hawaii.
<i>Epidendrum</i> sp. (orchid)	Canal Zone, Panama			4	Calif.*, Fla., N. J.
<i>Gongora</i> sp. (orchid)	Trinidad			1	Calif.*
<i>Oncidium haematocylum</i> (orchid)	do			2	Hawaii.
<i>Oncidium panamense</i>	Canal Zone			1	Calif.*
<i>Oncidium quadripetalum</i>	Jamaica			1	Hawaii.
<i>Oncidium</i> sp.	Canal Zone, Trinidad			3	Fla., N. J.
Orchid	Canal Zone, Costa Rica, Hawaii, Jamaica, Panama.			17	Fla., Hawaii, Tex.
Palm	Mexico	1			Calif.*
<i>Stanhopea wardii</i> (orchid)	Canal Zone			1	Calif.*
<i>Galgupha punctifer</i> McA. & Mall. (Pentatomidae):					
<i>Brassavola</i> sp. (orchid)	Panama			1	N. J.
Orchid	Costa Rica, Panama			2	Calif.*
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae):					
<i>Calluna vulgaris</i> (heather)	Switzerland	1			N. Y.
<i>Gerstaeckeria mutillaria</i> (Gerst.) (Curculionidae):					
<i>Mammillaria</i> sp. (cactus)	Mexico			1	Tex.
<i>Gibbobruchus speculiferus</i> (Gyll.) (Bruchidae):					
<i>Bauhinia acuminata</i>	Brazil			1	D. C.
<i>Glycyphagus domesticus</i> (Deg.) (Glycyphagidae):					
Citrus sp.	Portugal	1			Mass.
<i>Malus sylvestris</i> (apple)	Germany	1			Ill.
Rosa sp.	Netherlands			1	N. J.
<i>Gnorimoschema gudmanella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	4			Ariz.
<i>Capsicum frutescens grossum</i> (bell pepper)	do	2			Ariz.
<i>Gnorimoschema ocellatella</i> Boyd (Gelechiidae):					
<i>Beta vulgaris</i> (beet)	Egypt		1		Pa.

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<i>Gortyna flavago</i> (Schiff.) (Phalaenidae):					
<i>Cynara scolymus</i> (globe artichoke).....	Algeria, Italy.....		2		N. Y., Pa.
<i>Gracilaria azaleella</i> Brants (Gracilariidae):					
<i>Rhododendron indicum</i> (indica azalea).....	Belgium.....			2	N. J.
<i>Rhododendron japonicum</i> (Japanese azalea).....	Netherlands.....			1	N. J.
<i>Rhododendron</i> sp.....	Japan, Netherlands.....			5	Hawaii, N. J., Wash.
<i>Grapholitha molesta</i> (Busck) (Olethreutidae):					
<i>Malus sylvestris</i> (apple).....	Japan.....		2		Pa., Wash.
<i>Prunus persica</i> (peach).....	Argentina.....		1		Pa.
<i>Gymnandrosoma aurantianum</i> Costa Lima (Olethreutidae):					
<i>Citrus sinensis</i> (orange).....	Brazil.....		2		N. Y.
<i>Hallodapus rufescens</i> (Burm.) (?) (Miridae):					
<i>Rhododendron</i> sp.....	Scotland.....	1			Va.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Agapanthus africanus</i> (agapanthus).....	Bermuda.....	1			N. Y.
<i>Aster</i> sp.....	Haiti.....	1			P. R.
<i>Dahlia</i> sp.....	Dominican Republic.....	1			P. R.
Daisy.....	Bermuda.....	2			N. Y.
Flowers—assorted.....	Bermuda, Haiti.....	3			Fla.*, N. Y., P. R.
<i>Lathyrus odoratus</i> (sweetpea).....	Bermuda.....	1			N. Y.
<i>Polianthes tuberosa</i> (tuberose).....	do.....	1			N. Y.
<i>Zinnia</i> sp.....	do.....	1			N. Y.
<i>Hedylepta indicata</i> (F.) (Pyraustidae):					
<i>Phaseolus vulgaris</i> (kidney bean).....	British Honduras.....	2			La.
<i>Heilipus lauri</i> Boh. (Curculionidae):					
<i>Persea americana</i> (avocado).....	Mexico.....			2	Tex.
<i>Helix aspersa</i> Muller (Mollusca):					
Baggage.....	Italy.....	1			Ill.
<i>Chrysanthemum</i> sp.....	Haiti.....	1			P. R.
<i>Hellula undalis</i> (F.) (Pyraustidae):					
Airplane.....	Australia.....		1		Hawaii
<i>Brassica oleracea capitata</i> (cabbage).....	Egypt, Sierra Leone.....		2		Pa.
<i>Brassica rapa</i> (turnip).....	Egypt, France, Senegal.....		3		Pa.
<i>Hemimene juliana</i> (Curt.) (Olethreutidae):					
<i>Quercus</i> sp. (valonia).....	Greece.....	1			Va.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
Box.....	Unknown.....		1		Fla.*
<i>Heterotermes convexinotatus</i> (Snyder) (Rhinotermitidae):					
<i>Calopogonium caeruleum</i> (jicama).....	Mexico.....	1			Tex.
Log.....	Colombia.....	1			N. Y.
Orchid root.....	Panama.....			1	La.
<i>Hyalopeplus pellucidus</i> (Stal) (?) (Miridae):					
<i>Anthurium</i> sp.....	Hawaii.....	1			Hawaii.
<i>Hypera postica</i> (Gyll.) (Curculionidae):					
<i>Melilotus officinalis</i> (yellow sweet clover).....	Iran.....			1	D. C.
<i>Hypera rumicis</i> (L.) (Curculionidae):					
<i>Thuja occidentalis</i> (eastern arborvitae).....	Netherlands.....			1	N. J.
<i>Hypsopygia costalis</i> (F.) (Pyralididae):					
<i>Punica granatum</i> (pomegranate).....	Greece.....	1			N. Y.
<i>Icerya montserratensis</i> R. & H. (Coccidae):					
<i>Chamaedorea</i> sp.....	Mexico.....	1			Tex.
<i>Iridomyrmex humilis</i> Mayr (Formicidae):					
Baggage.....	Portugal.....	1			Mass.
<i>Begonia</i> sp.....	do.....			1	Mass.
Birds—alive.....	Australia.....	1			Mass.
<i>Castanea</i> sp. (chestnut).....	Portugal.....	1			N. Y.
Flowers—assorted.....	Hawaii.....	1			Hawaii.
<i>Helianthus tuberosus</i> (Jerusalem artichoke).....	Italy.....			1	N. Y.
<i>Hibiscus</i> sp.....	Bermuda.....		1		N. Y.
Orchid.....	Hawaii.....	1			Hawaii.
<i>Prunus persica nectarina</i> (nectarine).....	Chile.....	1			N. Y.
<i>Saccharum officinarum</i> (sugarcane).....	Portugal.....	1			N. Y.
<i>Salvia officinalis purpurascens</i> (sage).....	do.....	1			Mass.
Soil with fig and rosemary plants.....	Lebanon.....			1	N. Y.
Soil with grape cuttings.....	Italy.....			1	N. Y.
<i>Vitis</i> sp. (grape).....	Union of South Africa.....	1			N. Y.

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<i>Iridomyrmex iniquus</i> Mayr (Formicidae): Orchid.....	Mexico, Venezuela.....			2	N. J., Tex.
<i>Isognathus rimosa incitus</i> Edw. (Sphingidae): <i>Philodendron</i> sp.....	Mexico.....			1	Tex.
<i>Lampides boeticus</i> (L.) (Lycaenidae): <i>Canavalia</i> sp.....	Hawaii.....	15			Calif.*, Ha- wail.
<i>Laspeyresia leguminis</i> Hein. (Olethreutidae): <i>Phaseolus vulgaris</i> var. (string bean).....	Panama.....		1		Ala.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae): <i>Castanea</i> sp. (chestnut).....	France, Greece, Italy, Yugoslavia.	22			Ill., Md., N. Y.
<i>Lecanium fletcheri</i> Ckll. (Coccidae): <i>Cedrus</i> sp. (cedar).....	Canada.....			1	N. Y.
<i>Lepidosaphes ficus</i> (Sign.); Coccidae: <i>Ficus carica</i> (fig).....	Italy.....			2	Calif.*, Ill.
<i>Lepidosaphes mimosarum</i> (Ckll.) (Coccidae): Seed pod—unidentified.....	Mexico.....	1			Calif.*
<i>Lepidosaphes mimosarum</i> (Ckll.) (?) (Coccidae): <i>Annona cherimola</i> (cherimoya).....	Ecuador.....			1	Calif.*
<i>Lepidosaphes newsteadi</i> (Sulc.) (Coccidae): <i>Pinus</i> sp. (pine).....	Japan.....			1	Calif.*
<i>Lepidosaphes pallida</i> (Green) (Coccidae): <i>Juniperus</i> sp.....	do.....			1	Calif.*
<i>Picea</i> sp.....	do.....			1	Calif.*
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae): Cactus.....	Mexico.....			1	Tex.
<i>Lepidosaphes piperis</i> (Green) (Coccidae): <i>Piper nigrum</i> (black pepper).....	India.....			3	D. C.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae): <i>Codiaeum variegatum</i> (croton).....	Canal Zone.....			1	Calif.*
<i>Codiaeum</i> sp. (croton).....	Hawaii, India, Japan.....	4	1	5	Hawaii, N. J., Pa.
<i>Lepidosaphes tuberculata</i> Mal. (Coccidae): <i>Cymbidium</i> spp.....	Australia, England, Japan.			17	Calif.*, Ha- wail, N. J.
<i>Lepidosaphes tubulorum</i> (as defined by Kuwana) (Coccidae): <i>Schizocodon soldanelloides</i>	Japan.....			1	N. J.
<i>Leptidilla brevipennis</i> (Muls.) (Cerambycidae): <i>Salix</i> sp. (willow).....	France.....	1			N. J.
<i>Leptoglossus chilensis</i> Spinola (Coreidae): <i>Vitis vinifera</i> (European grape).....	Chile.....	3			N. Y.
<i>Vitis</i> sp. (grape).....	do.....	12			N. Y., Pa., Tex.
<i>Leucaspis cockerelli</i> (de Charm.) (Coccidae): <i>Arundina bambusifolia</i>	Hawaii.....			1	Hawaii.
<i>Citrus aurantifolia</i> (sour lime).....	Panama.....		1		Calif.*
<i>Citrus limon</i> (lemon).....	Canal Zone, Nicaragua.....	1	1		Calif.*
<i>Citrus paradisi</i> (grapefruit).....	Hawaii, Trinidad.....		2		Calif.*, Fla.*
<i>Citrus sinensis</i> (orange).....	Canal Zone, Jamaica, Panama.		5		Calif.*, Fla.*
<i>Leucaspis'' indica</i> Marl. (Coccidae): <i>Mangifera indica</i> (mango).....	Tortola.....			1	St. Thomas & St. John;
<i>Leucaspis loewi</i> Colvee (Coccidae): <i>Pinus</i> sp. (2-leaved pine).....	Austria.....	1			Mass.
<i>Leucaspis pistaciae</i> Ldgr. (Coccidae): <i>Pistacia drupe</i> (pistache).....	Cyprus.....	1			N. J.
<i>Ligyrocoris abdominalis</i> (G.-M.) (Lygaeidae): Orchid.....	Mexico.....			1	Tex.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae): <i>Lycopersicon esculentum</i> (tomato).....	Mexico (?).....	1			Tex.
Orchid.....	Mexico.....			5	Tex.
<i>Pelargonium</i> spp.....	do.....			1	Tex.
<i>Limax marginatus</i> (Muller) (Mollusca): <i>Brassica oleracea capitata</i> (cabbage).....	Netherlands.....		1		La.
<i>Limax maximus</i> L. (Mollusca): <i>Raphanus sativus</i> (radish).....	Lebanon.....	1			N. Y.
Soil around dwarf pine.....	Japan.....			1	Wash.

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<i>Liocoris tripustulatus</i> (F.) (Miridae):					
<i>Syringa</i> sp. (lilac)-----	Netherlands-----	1			N. Y.
<i>Liophloeus tessulatus</i> (Mull.) (Curculionidae):					
<i>Athyrium</i> sp. (fern)-----	England-----			1	N. J.
<i>Liosomaphis berberidis</i> (Kltb.) (Aphidae):					
<i>Berberis thunbergi atropurpurea</i> -----	Netherlands-----			1	N. J.
<i>Listroderes subcincta</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape)-----	Chile-----	1			N. Y.
<i>Lixus junci</i> Boh. (Curculionidae):					
<i>Beta vulgaris</i> (beet)-----	Egypt-----		1		Md.
<i>Lyctus africanus</i> Lesne (Lyctidae):					
Wood-----	India-----	1			Mass.
<i>Lyctus brunneus</i> (Steph.) (Lyctidae):					
Wood-----	do-----	1			Mass.
<i>Lyctus linearis</i> (Goeze) (Lyctidae):					
<i>Acacia koa</i> (koa)-----	Hawaii-----	1			Hawaii.
<i>Lygus lineolaris</i> (P. deB.) (Miridae):					
<i>Chrysanthemum</i> sp-----	Bermuda-----	1			N. Y.
<i>Zinnia</i> sp-----	do-----	1			N. Y.
<i>Maruca testulatis</i> (Geyer) (Pyraustidae):					
<i>Canavalia</i> sp-----	Hawaii-----	9			Calif.*, Ha-
<i>Phaseolus vulgaris</i> var. (string bean)-----	Hawaii, India, Japan, Netherlands Guiana, Puerto Rico.	1	7		wail. Ala., Calif.*, Ga., N. Y. P. R.
<i>Masonaphis rhododendri</i> (Wils.) (Aphidae):					
<i>Rhododendron</i> sp-----	Belgium-----			2	N. J., Wash.
<i>Mecistorhinus marmoratus</i> (Erichson) (Pentatomidae):					
Araceae-----	Colombia-----			1	Calif.*
<i>Mecotetartus antennatus</i> Bates (Cerambycidae):					
<i>Lycopersicon esculentum</i> (tomato)-----	Mexico-----	1			Ariz.
<i>Megacerus alternatus</i> Bridw. (Bruchidae):					
Flowers-assorted-----	Hawaii-----	1			Hawaii.
<i>Operculina tuberosa</i> (wood-rose)-----	do-----	1			Hawaii.
<i>Megacerus leucosomus</i> Sharp (Bruchidae):					
<i>Ipomoea arborescens</i> (tree morning-glory)-----	Mexico-----	1		1	Ariz., D. C.
<i>Rivea corymbosa</i> -----	do-----	1			D. C.
<i>Rivea</i> sp-----	do-----	1			D. C.
<i>Megastigmus cryptomeriae</i> Yano (Torymidae):					
<i>Chamaecyparis obtusa</i> -----	Japan-----			1	Calif.*
<i>Cryptomeria japonica</i> -----	do-----			1	Calif.*
<i>Melalgus plicatus</i> (Lec.) (Bostrichidae):					
<i>Allium sativum</i> (garlic)-----	Mexico-----	1			Tex.
<i>Melanacanthus ferrugineus</i> (Stal) (Coreidae):					
Airplane-----	Fiji Islands-----		1		Hawaii.
<i>Melanotus fissilis</i> (Say) (Elateridae):					
Soil around roots of plants-----	Canada-----			1	N. Y.
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana)-----	Ecuador, Panama-----	12			Calif.* La., Md., S. C.
<i>Metamasius sericeus carbonarius</i> Chev. (Curculionidae):					
<i>Chamaedorea oblongata</i> -----	Mexico-----	1			Tex.
<i>Musa paradisiaca sapientum</i> (banana)-----	do-----	2			Calif.,* Tex.
<i>Micrelus ericae</i> Gyll. (Curculionidae):					
<i>Calluna vulgaris</i> (heather)-----	Scotland-----	2			Mass.
<i>Microcephalothrips abdominalis</i> (Crawf.) (Thripidae):					
<i>Zinnia</i> sp-----	Bermuda-----	1			N. Y.
<i>Mimosestes dominicanus</i> (Jek.) (Bruchidae):					
<i>Caesalpinia coriaria</i> (divi-divi)-----	Dominican Republic-----	1			Pa.
<i>Mimosestes sallaei</i> (Sharp) (Bruchidae):					
Airplane-----	Hawaii-----		4		Hawaii.
<i>Mocis repanda</i> (F.) (Phalaenidae):					
Airplane-----	Venezuela-----		1		Fla.*
<i>Monanthia monotropidia</i> Stal (Tingidae):					
Orchid-----	Mexico-----			1	Tex.

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<i>Monomorium destructor</i> (Jerd.) (Formicidae):					
Bean—dry	Jamaica			1	N. Y.
<i>Bryophyllum</i> sp.	do			1	Mass.
<i>Capsicum frutescens</i> (pepper)	do	1			N. Y.
<i>Dioscorea</i> sp. (yam)	do	1			N. Y.
Orchid	do			1	Fla.
<i>Sechium edule</i> (chayote)	do	1			N. Y.
<i>Solanum tuberosum</i> (potato)	Unknown		1		St. Thomas & St. John.
<i>Swietenia</i> sp. (mahogany)	Virgin Islands			1	N. Y.
<i>Moodna bisinuella</i> Hamp. (Phycitidae):					
<i>Zea mays</i> (corn)	Honduras		1		La.
<i>Morganella longispina</i> (Morgan) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)	Hawaii		1		Calif.*
<i>Myodocha longicollis</i> Stal (Lygaeidae):					
<i>Colocasia</i> sp.	Mexico			1	Tex.
<i>Philodendron</i> sp.	do			1	Tex.
<i>Myzus anselliae</i> Hall (?) (Aphidae):					
<i>Polystachya</i> sp. (orchid)	Rhodesia			1	N. J.
<i>Myzus ascalonicus</i> Doncaster (Aphidae):					
<i>Cichorium intybus</i> (witloof)	Netherlands		1		Pa.
<i>Gladiolus</i> sp.	do			2	N. J., Pa.
<i>Hedera</i> sp.	England			1	N. J.
<i>Nasutitermes nigriceps</i> (Haldeman) (Termitidae):					
<i>Acacia</i> sp.	British Virgin Islands	1			St. Thomas & St. John.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Brazil, Mexico	7	2		La., Tex.
<i>Solanum melongena</i> (eggplant)	Mexico		1		Tex.
<i>Nephotettix apicalis</i> (Motsch.) (Cicadellidae):					
Airplane	Philippines		4		Hawaii.
<i>Nilotaspis halli</i> (Green) (Coccidae):					
<i>Prunus amygdalus</i> (almond)	Iran			1	D. C.
<i>Nysius angustellus</i> (Blanchard) (Lygaeidae):					
<i>Prunus persica</i> (peach)	Chile	1			N. Y.
<i>Nysius coenosulus</i> Stal (Lygaeidae):					
Seed	Hawaii	1			Hawaii.
<i>Nysius delectus</i> White (Lygaeidae):					
Airplane	do		1		Hawaii.
<i>Nysius huttoni</i> White (Lygaeidae):					
<i>Malus sylvestris</i> (apple)	New Zealand	1			N. Y.
<i>Nysius simulans</i> Stal (Lygaeidae):					
<i>Prunus domestica</i> (plum)	Chile	1			N. Y.
<i>Odonaspis greeni</i> Ckll. (Coccidae):					
Bamboo	China			1	Hawaii.
<i>Odonaspis ruthae</i> Kot. (Coccidae):					
<i>Cynodon dactylon</i> (Bermuda grass)	Australia			1	D. C.
<i>Oedemera annulata</i> Germ. (Oedemeridae):					
<i>Calluna</i> sp. (heather)	Sweden	1			N. Y.
<i>Oedionychis atroguttata</i> Jac. (Chrysomelidae):					
Orchid	Mexico			1	Ariz.
<i>Oedionychis pavoninus</i> Jac. (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Ogdoecosta biannularis</i> (Boh.) (Chrysomelidae):					
Straw with pottery	do	1			Tex.
<i>Ogdoecosta juvenca</i> (Boh.) (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Ogdoecosta mexicana</i> (Champ.) (Chrysomelidae):					
<i>Selaginella lepidophylla</i> (resurrection plant)	do			1	Tex.
<i>Olethreutes leucotreta</i> (Meyr.) (Olethreutidae):					
<i>Citrus sinensis</i> (?) (orange)	Angola	1			Calif.*
<i>Oligonychus biharensis</i> (Hirst) (Tetranychidae):					
<i>Mangifera indica</i> (mango)	British Guiana		1		Pa.
<i>Oxycarenus albidipennis</i> Stal (Lygaeidae):					
<i>Abutilon</i> sp.	Rhodesia			1	D. C.
<i>Sutherlandia frutescens</i>	Union of South Africa			1	D. C.
<i>Oxycarenus hyalinipennis</i> (Costa) (Lygaeidae):					
<i>Dahlia</i> sp.	Israel	1			N. Y.
<i>Oxydema fusiforme</i> (Woll.) (Curculionidae):					
Palm	Hawaii			1	Hawaii.

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<i>Ozophora consanguineus</i> (Dist.) (Lygaeidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Philodendron</i> sp.....	do.....			1	Tex.
<i>Pachybrachius albocinctus</i> Barber (Lygaeidae):					
Plant.....	Colombia.....			1	Fla.
<i>Pachybrachius nietneri</i> (Dohrn.) (Lygaeidae):					
Airplane.....	Philippines (?), unknown.....		2		Hawaii.
<i>Pachybrachius nigriceps</i> (Dallas) (Lygaeidae):					
Airplane.....	Fiji Islands, Hawaii.....		2		Hawaii.
<i>Pachyzancla bipunctalis</i> (F.) (Pyraustidae):					
<i>Beta vulgaris cicla</i> (Swiss chard).....	Mexico.....	1			Tex.
<i>Pachyzancla periusalis</i> (Wlk.) (Pyraustidae):					
<i>Solanum melongena</i> (eggplant).....	Cuba.....	1			N. Y.
<i>Palaeopus costicollis</i> Mshl. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Jamaica.....		1		Ala.
<i>Pantomorus godmani</i> (Croth) (Curculionidae):					
<i>Acacia koa</i> (koa).....	Hawaii.....	1			Hawaii.
<i>Cordyline terminalis</i> (ti).....	do.....	1			Hawaii.
Flowers.....	do.....	1			Hawaii.
Orchid.....	do.....	1			Hawaii.
<i>Paratetranychus ununguis</i> (Jac.) (Tetranychidae):					
<i>Juniperus</i> sp. (juniper).....	Japan.....			1	Wash.
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Camellia reticulata</i> (netvein camellia).....	China.....			1	D. C.
<i>Camellia</i> sp.....	Portugal.....			1	N. J.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i>	Mexico.....	5			Calif.*
<i>Citrus aurantifolia</i> (sour lime).....	do.....		2		Calif.*
<i>Citrus limon</i> (lemon).....	India.....			1	D. C.
<i>Citrus paradisi</i> (grapefruit).....	Chile.....		1		Calif.*
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil, Israel, Trinidad.....	1	4		Calif.,* Fla.*
<i>Citrus</i> sp.....	Brazil, India.....		1	1	D. C., Fla.*
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum</i> sp. (croton).....	Hawaii.....	1			Hawaii.
<i>Parlatoria crypta</i> McKenzie (Coccidae)					
<i>Mangifera indica</i> (mango).....	India.....			1	D. C.
<i>Parlatoria mytilaspiformis</i> Green (Coccidae):					
Palm.....	India.....		1		Pa.
<i>Parlatoria oleae</i> (Colvee) (Coccidae):					
<i>Diospyros</i> sp. (persimmon).....	Italy.....	1			N. Y.
<i>Malus sylvestris</i> (apple).....	Greece.....			1	D. C.
<i>Olea europaea</i> (olive).....	do.....	1			N. Y.
<i>Prunus armeniaca</i> (apricot).....	do.....			2	D. C.
<i>Prunus</i> sp.....	do.....			1	D. C.
<i>Parlatoria pseudaspidotus</i> Ldgr. (Coccidae):					
<i>Mangifera indica</i> (mango).....	Philippines.....			1	D. C.
<i>Vanda joaquimiae</i> (orchid).....	do.....			1	Calif.*
<i>Vanda</i> sp.....	Hawaii, Philippines.....	1		2	Calif.,* Hawaii.
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Crete.....	1			Mass.
<i>Citrus aurantifolia</i> (sour lime).....	Philippines.....		1		Calif.*
<i>Citrus limon</i> (lemon).....	Italy, Spain, Thailand.....	1	5		Calif.,* Hawaii, Mass., Pa.
<i>Citrus paradisi</i> (pomelo).....	Eniwetok.....	1			Hawaii.
<i>Citrus paradisi</i> (grapefruit).....	China.....	1			Hawaii.
<i>Citrus reticulata</i> (Mandarin orange).....	Algeria, China, Crete, Formosa, Japan.....	2	3		Calif.,* Hawaii, Mass.
<i>Citrus sinensis</i> (orange).....	Japan, Spain.....		6		Calif.,* Mass., Pa.
<i>Citrus</i> , sp.....	France, Haiti.....	1	1		Fla.,* Pa.
<i>Parmenonta valida</i> Thoms. (Cerambycidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Paromius gracilis</i> (Ramb.) (Lygaeidae):					
<i>Alloteropsis semialata</i>	Union of South Africa.....			1	D. C.
<i>Rhynchelytrum repens</i>	do.....			1	D. C.

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		Consumption	Nonentry	Propagation	
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
Floor of automobile	Mexico		1		Tex.
<i>Gossypium barbadense</i> (Sea-island cotton)	Puerto Rico	1			P. R.
<i>Gossypium</i> sp. (cotton; boll)	Hawaii, Mexico	5			Calif.,* Tex.
<i>Gossypium</i> sp. (cottonseed)	Cuba, Egypt, Mexico	13	1	1	D. C., N. Y., Tex.
<i>Gossypium</i> sp. (cotton; squares)	Mexico		1		Tex.
<i>Gossypium</i> sp. (seed cotton)	Mexico, St. Vincent	17	1		Fla.,* Tex.
<i>Hibiscus esculentus</i> (okra)	Dominican Republic, Mexico, Puerto Rico	3	3		N. Y., P. R., Tex.
<i>Penthaleus minor</i> (Can.) (Eupodidae):					
<i>Rosa</i> sp.	France			1	N. J.
<i>Perkinsiella vitiensis</i> Kirk. (Delphacidae):					
Airplane	Fiji Islands		6		Hawaii.
<i>Phalonia zephyrana</i> (Treit.) (Phaloniidae):					
<i>Daucus carota</i> (carrot)	Algeria, Trieste		2		Ala., Md.
<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Ananas comosus</i> (pineapple)	Cuba, Dominican Republic, Hawaii	1		4	Hawaii, P. R.
<i>Antirrhinum majus</i> (snapdragon)	Bermuda	2			N. Y.
<i>Carica papaya</i> (papaya)	Cuba			1	Fla.
<i>Codiaeum</i> sp. (croton)	Bermuda			2	N. Y.
<i>Dendrobium</i> sp. (orchid)	New Guinea			1	Fla.
<i>Dioscorea</i> sp. (yam)	Trinidad	1			P. R.
<i>Epidendrum ciliare</i> (orchid)	Puerto Rico			1	Hawaii.
<i>Euphorbia pulcherrima</i> (poinsettia)	Bermuda			1	N. Y.
Fern	do	1			N. Y.
<i>Hibiscus esculentus</i> (okra)	Cuba	2			La.
<i>Hibiscus</i> sp.	Bermuda	1		2	N. Y.
Orchid	Canal Zone, New Guinea			3	Hawaii.
<i>Phenacaspis sandwicensis</i> Fullaway (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	11			Calif.*
<i>Plumeria</i> sp.	do			1	Hawaii.
<i>Strelitzia reginae</i> (bird-of-paradise-flower)	do	1		1	Hawaii.
<i>Phenacoccus solani</i> Ferris (Coccidae):					
<i>Sinningia speciosa</i> (gloxinia)	Canal Zone			1	Fla.
<i>Philaenus leucophthalmus</i> (L.) (Cercopidae):					
Airplane	Mexico		2		Tex.
<i>Phloeosinus lewisi</i> Chap. (Scolytidae):					
<i>Cryptomeria</i> sp.	Japan	1			Oreg.
<i>Phlyctinus callosus</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape)	Union of South Africa	5			N. Y.
<i>Phyllognathus silenus</i> (F.) (Scarabaeidae):					
Wood	Germany	2			Ala.
<i>Phyllotreta vittula</i> (Redt.) (Chrysomelidae):					
<i>Rorippa nasturtium-aquaticum</i> (watercress)	France		1		N. Y.
<i>Physonota attenuata</i> Boh. (Chrysomelidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
Orchid	do			1	Tex.
<i>Phytomyza rufipes</i> Mg. (Agromyzidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	France, Scotland		2		Pa., Va.
<i>Brassica oleracea capitata</i> (cabbage)	Egypt, Scotland		3		Pa., Va.
<i>Cichorium endivia</i> (endive)	Belgium	20			N. Y., Pa.
<i>Picturaphis vignaphila</i> Blanch. (Aphidae):					
<i>Phaseolus vulgaris</i> (kidney bean)	British Honduras	2			La.
<i>Pinnaspis buxi</i> (Bouche) (Coccidae):					
<i>Cordyline terminalis</i> (ti)	Hawaii	2			Hawaii.
<i>Philodendron</i> sp.	do	1			Hawaii.
<i>Scindapsus aureus</i>	do			1	Hawaii.
<i>Pinnaspis buxi</i> (Bouche) (?) (Coccidae):					
<i>Buxus</i> sp. (box)	India			1	N. J.
<i>Plagioderma semivittata</i> Stal (Chrysomelidae):					
Orchid	Mexico			1	Tex.
<i>Plagioderma thymaloides</i> Stal (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Platyedra vilella</i> (Zell.) (Gelechiidae):					
<i>Hibiscus</i> sp.	India			1	D. C.
<i>Platynota rostrana</i> (Wlk.) Tortricidae:					
Amaryllidaceae	Mexico	1			Tex.
<i>Ananas comosus</i> (pineapple)	Cuba	1			N. Y.

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<i>Platynota rostrana</i> —Continued					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Mentha</i> sp. (mint).....	Trinidad.....	1			P. R.
<i>Peperomia</i> sp.....	Mexico.....			1	Tex.
<i>Platypus rugulosus</i> Chap. (Platypodidae):					
<i>Copaifera hemitomophylla</i> ("cativo").....	Colombia.....	1			Ala.
<i>Plusia chalcites</i> (Esp.) (?) (Phalaenidae):					
Orchid.....	Hawaii.....	1			Hawaii.
" <i>Poliaspis</i> " <i>pini</i> Mask. (Coccidae):					
<i>Pinus</i> sp. (2-leaved pine).....	Japan.....	1		1	Calif.,* Wash.
<i>Pinus</i> sp. (5-leaved pine).....	do.....			1	Calif.*
<i>Pinus</i> sp.....	do.....		1		Pa.
<i>Polychrosis botrana</i> (Schiff.) (Olethreutidae):					
<i>Vitis</i> sp. (grape).....	France, Greece, Spain..	2	1		Mass., N. Y.
<i>Polychrosis botrana</i> (Schiff.) (?) (Olethreutidae):					
<i>Vitis</i> sp. (grape).....	Italy.....	1			Mass.
<i>Polydesma umbricola</i> Boisd. (Phalaenidae):					
Airplane.....	Hawaii.....		1		Hawaii.
<i>Porthetria dispar</i> (L.) (Lymantriidae):					
<i>Quercus suber</i> (cork oak).....	Morocco.....	2			N. Y., Pa.
<i>Praeblissus albofasciatus</i> Barber (Lygaeidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Prays oleellus</i> (F.) (Hyponomeutidae):					
<i>Olea europaea</i> (olive).....	Italy.....	2			N. Y.
<i>Prodenia eridania</i> (Cram.) (Phalaenidae):					
<i>Antirrhinum majus</i> (snapdragon).....	Bermuda.....	1			N. Y.
<i>Dianthus</i> sp. (carnation).....	do.....	1			N. Y.
<i>Lycopersicon esculentum</i> (tomato).....	Cuba.....	1			N. Y.
Orchid.....	Mexico.....			1	Tex.
<i>Phaseolus vulgaris</i> var. (string bean).....	Cuba.....		1		Fla.*
Sapote.....	Mexico.....	1			Tex.
<i>Zinnia</i> sp.....	Bermuda.....	1			N. Y.
<i>Prodenia litura</i> (F.) (Phalaenidae):					
Airplane.....	Canton Island.....		1		Hawaii.
<i>Prodenia ornithogalli</i> Guen. (Phalaenidae):					
<i>Chrysanthemum</i> sp.....	Mexico.....	1			Tex.
<i>Musa paradisiaca sapientum</i> (banana).....	do.....			1	Tex.
<i>Protopulvinaria longivalvata</i> Green (Coccidae):					
<i>Gardenia augusta</i> (gardenia).....	Costa Rica, Guatemala, Salvador.....	5			Calif.*
<i>Ixora</i> sp.....	Trinidad.....	2			N. Y.
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae):					
<i>Anthurium acutangulum</i>	Costa Rica.....			1	Hawaii.
<i>Gardenia augusta</i> (gardenia).....	Cuba, Panama, Swan Island.....	2	1		Fla.*
<i>Pseudacysta perseae</i> (Hcid.) (Tingidae):					
<i>Persea americana</i> (avocado).....	Mexico.....			1	Tex.
<i>Pseudaonidia clavigera</i> (Ckll.) (Coccidae):					
<i>Gardenia augusta</i> (gardenia).....	Hawaii.....	1			Hawaii.
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Amherstia nobilis</i> (flame amherstia).....	Trinidad.....			1	P. R.
<i>Citrus aurantifolia</i> (sour lime).....	Brazil.....		1		Calif.*
<i>Citrus limon</i> (lemon).....	do.....		1		Pa.
<i>Citrus sinensis</i> (orange).....	Argentina.....		1		Calif.*
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae):					
<i>Cattleya</i> sp. (orchid).....	Costa Rica.....			2	Fla.
Orchid.....	Mexico, Venezuela.....			3	Fla., Tex.
<i>Pseudococcus boninsis</i> (Kuw.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Jamaica.....	1			Fla.*
<i>Pseudococcus gahani</i> Green (Coccidae):					
<i>Prunus domestica</i> (plum).....	Chile.....	1			Pa.
<i>Zantedeschia aethiopica</i> (calla lily).....	Italy.....			1	N. J.
<i>Pseudococcus lilacinus</i> Ckll. (Coccidae):					
<i>Lansium</i> sp.....	Philippines.....			1	Wash.
<i>Pseudococcus pini</i> (Kuw.) (Coccidae):					
<i>Pinus</i> sp. (2-leaved pine).....	Japan.....			2	Calif.,* N. J.
<i>Taxus</i> sp. (yew).....	do.....			1	Calif.*
<i>Pseudococcus saipanensis</i> Shir. (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Guam.....			2	Hawaii.

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<i>Pseudodiaspis yuccae</i> (Ckll.) (Coccidae):					
<i>Prosopis</i> sp.-----	Mexico-----	1			Ariz.
<i>Pseudoparlatoria ostreata</i> Ckll. (Coccidae):					
<i>Jasminum</i> sp.-----	Cuba-----			1	P. R.
<i>Pseudoparlatoria punctata</i> Ferris (Coccidae):					
<i>Carica papaya</i> (papaya)-----	Mexico-----	1			Tex.
<i>Pterolophia alternans</i> Weid. (Cerambycidae):					
<i>Euphorbia pulcherrima</i> (poinsettia)-----	Hawaii-----			1	Hawaii.
<i>Codiaeum</i> sp. (croton)-----	do-----	1			Hawaii.
Seed pod-----	do-----	1			Hawaii.
<i>Ptochoryctis tsugensis</i> Kearfott (Xyloryctidae):					
In cardboard carton containing cypress, elm, and pine trees.	Japan-----			1	Hawaii.
<i>Pinus</i> sp. (pine)-----	do-----			1	Hawaii.
<i>Pulvinaria horii</i> Kuw. (Coccidae):					
<i>Acer</i> sp. (maple)-----	do-----			1	Calif.*
<i>Zelkova</i> sp.-----	do-----			1	Calif.*
<i>Pulvinaria mesembryanthemi</i> (Vallot) (Coccidae):					
<i>Mesembryanthemum inaequale</i> -----	Union of South Africa-----			1	N. J.
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Gardenia augusta</i> (gardenia)-----	Hawaii-----	1			Hawaii.
<i>Puto mexicanus</i> (Ckll.) (Coccidae):					
Sapote-----	Mexico-----	1			Tex.
<i>Pyemotes ventricosus</i> (Newp.) (Pyemotidae):					
<i>Cotoneaster</i> sp.-----	Netherlands-----			1	N. J.
<i>Rosa</i> sp.-----	do-----			1	N. J.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Capsicum frutescens</i> (pepper)-----	Italy-----	1			Mass.
<i>Dahlia</i> sp.-----	Japan-----			2	Hawaii.
<i>Phaseolus vulgaris</i> var. (string bean)-----	do-----			4	Calif.,* Wash.
<i>Sorghum vulgare technicum</i> (broomcorn)-----	Hungary, Yugoslavia-----	3			Md., N. Y.
<i>Zea mays</i> (corn)-----	Canada-----	3			N. Y.
<i>Rhabdoscelus obscurus</i> (Boisd.) (Curculionidae):					
<i>Saccharum officinarum</i> (sugarcane)-----	Fiji Islands-----	1			Calif.*
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus</i> sp. (cherry)-----	Austria, Belgium, England, France, Germany, Italy, Portugal, Spain.	9	19		Mass., N. Y., Va.
<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae):					
<i>Malus sylvestris</i> (apple)-----	Azores-----	1			Mass.
<i>Prunus</i> sp. (cherry)-----	England, France, Netherlands, Switzerland.	2	3		N. Y.
<i>Rhagoletis juglandis</i> Cresson (?) (Tephritidae):					
<i>Juglans nigra</i> (black walnut)-----	Mexico-----	2			Ariz.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae):					
<i>Malus sylvestris</i> (apple)-----	Canada, Mexico-----	3			Pa., Tex.
<i>Rhagoletis pomonella</i> (Walsh) (?) (Tephritidae):					
<i>Crataegus</i> sp. (thornapple)-----	Mexico-----	1			Tex.
<i>Rhipibruchus picturatus</i> (Fahr.) (Bruchidae):					
<i>Prosopis strombulifera</i> -----	Argentina-----			1	D. C.
<i>Ribua innoxia</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple)-----	Cuba-----	1			N. Y.
<i>Sennius alticola</i> (Sharp) (Bruchidae):					
<i>Cassia reticulata</i> -----	Venezuela-----			1	Fla.
<i>Sesamia cretica</i> Led. (Phalaenidae):					
<i>Sorghum vulgare technicum</i> (broomcorn)-----	Greece, Italy-----	10			Md., Mass., N. Y.
<i>Sesamia vuteria</i> (Stoll) (Phalaenidae):					
<i>Zea mays</i> (corn)-----	Nigeria-----		1		La.
<i>Sibinia primita</i> (Herbst.) (Curculionidae):					
<i>Prunus persica</i> (peach)-----	Italy-----		1		N. Y.
<i>Sinoxylon anale</i> Lesne (Bostrichidae):					
<i>Amaryllis</i> sp.-----	Japan-----			1	N. Y.
Wood-----	Pakistan-----	1			N. Y.
<i>Sinoxylon conigerum</i> Gerst. (Bostrichidae):					
<i>Acacia koa</i> (koa)-----	Hawaii-----	1			Hawaii.
Airplane-----	do-----		2		Hawaii.
<i>Samanea saman</i> (monkey-pod)-----	do-----	2			Calif.,* Ha-
Wood-----	India-----	1			wai. N. Y.

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<i>Siphanta acuta</i> (Wlk.) (Flatidae):					
<i>Vanda</i> sp. (orchid)	Hawaii	1			Hawaii.
<i>Sitona lineata</i> (L.) (Curculionidae):					
<i>Rhododendron</i> sp.	Netherlands			1	N. J.
<i>Spiraea albiflora</i> (Japanese white spirea)	do			1	N. J.
<i>Sixeonotus luteiceps</i> Reuter (Miridae):					
Orchid	Mexico			1	Tex.
<i>Spanogonicus albofasciatus</i> (Reuter) (Miridae):					
Airplane	Fiji Islands		1		Hawaii.
<i>Sparteus villosus</i> (F.) (Bruchidae):					
<i>Cytisus hirsutus</i>	Greece			1	D. C.
<i>Cytisus</i> sp. (?)	Denmark			1	N. J.
<i>Laburnum anagyroides</i> (goldenchain)	Austria			1	D. C.
<i>Spartium junceum</i> (weavers-broom)	Italy			1	N. Y.
<i>Sphaeroderma testaceum</i> (F.) (Chrysomelidae):					
<i>Cynara scolymus</i> (globe artichoke)	do	1			Mass.
<i>Sphenarches caffer</i> (Zell.) (Pterophoridae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	1			P. R.
<i>Spissistilus festinus</i> (Say) (Membracidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Ariz.
<i>Stator limbatus</i> (Horn) (Bruchidae):					
<i>Cassia</i> sp.	Hawaii	1			Hawaii.
<i>Samanea saman</i> (monkey-pod)	do	1		1	Hawaii.
<i>Stator pruininus</i> (Horn) (Bruchidae):					
<i>Acacia koa</i> (koa)	do	1			Hawaii.
<i>Stenoma catenifer</i> Wlsm. (Stenomidae):					
<i>Persea americana</i> (avocado)	Brazil, British Honduras, Colombia, Mexico, Panama, Venezuela.	24	5	1	Ala., Fla.* N. Y., Pa. Tex.
<i>Stephanitis pyroides</i> (Scott) (Tingidae):					
<i>Rhododendron</i> sp.	Japan			1	Hawaii.
<i>Sternochetus mangiferae</i> (F.) (Curculionidae):					
<i>Mangifera indica</i> (mango)	Hawaii, India	30	1	4	Calif.*, D. C., Hawaii, N. Y.
<i>Stolas illustris</i> (Chev.) (Chrysomelidae):					
<i>Chamaedorea</i> sp.	Mexico	1			Tex.
<i>Sybra alternans</i> Weid. (Cerambycidae):					
<i>Operculina tuberosa</i> (wood rose)	Hawaii	1			Hawaii.
Weed	do	1			Hawaii.
<i>Systole geniculata</i> Foerst. (Eurytomidae):					
<i>Pimpinella anisum</i> (anise)	Italy			1	N. Y.
<i>Taeniothrips gracilis</i> Mlt. (Thripidae):					
<i>Amaryllis</i> sp.	Bermuda			1	N. Y.
<i>Hibiscus</i> sp.	do	1			N. Y.
<i>Lathyrus odoratus</i> (sweetpea)	do	1			N. Y.
<i>Polianthes tuberosa</i> (tuberose)	do	1			N. Y.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Chrysanthemum</i> sp.	Japan	1			Wash.
<i>Gardenia augusta</i> (gardenia)	Hawaii	1			Hawaii.
<i>Polianthes tuberosa</i> (tuberose)	do	1			Hawaii.
<i>Rosa</i> sp.	Australia		1		Hawaii.
<i>Taeniothrips vulgatissimus</i> (Hal.) (Thripidae):					
<i>Chrysanthemum</i> sp.	Scotland	1			Mass.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya)	Mexico	2			Tex.
<i>Talurus rugosus</i> (Jac.) (Chrysomelidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Tapinaspis annulus</i> (F.) (Chrysomelidae):					
<i>Chamaedorea</i> sp.	do	1			Tex.
<i>Tapinaspis wesmaeli</i> (Boh.) (Chrysomelidae):					
<i>Chamaedorea</i> sp.	do	3			Tex.
<i>Targionia</i> hartii (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam)	Antigua	1	1		Mich., St. Thomas St. John.
<i>Targionia</i> sacchari (Ckll.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	Bahamas	1			Fla.*

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Tenthecoris bicolor</i> Scott (Miridae):					
Orchid	Mexico			4	Fla., Tex.
<i>Philodendron</i> sp	do			1	Tex.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae):					
Orchid	do			8	Tex.
<i>Tenthecoris venezuelensis</i> Hsiao & Sailer (Miridae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			1	Fla.
<i>Tenuipalpus pacificus</i> Baker (Phytoptipalpidae):					
Orchid	Trinidad			1	P. R.
<i>Tephritis finalis</i> (Loew) (Tephritidae):					
Airplane	Mexico		1		Calif.
<i>Tetraleurodes acaciae</i> (Q.) (Aleyrodidae):					
<i>Prosopis</i> sp	do	2			Ariz.
Soil	do		2		Ariz.
<i>Tetranychus marianae</i> McG. (Tetranychidae):					
<i>Hibiscus rosa-sinensis</i>	Guam			1	Oreg.
<i>Tetranychus tumidus</i> Banks (Tetranychidae):					
<i>Dahlia</i> sp	Dominican Republic	2			P. R.
<i>Theba pisana</i> (Muller) (Mollusca):					
<i>Lactuca sativa</i> (lettuce)	France		1		Pa.
<i>Quercus suber</i> (cork oak)	Morocco	2			N. Y., Pa.
<i>Thecla ziba</i> Hew. (Lycaenidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	9			Tex.
<i>Thrips flavus</i> Schrank (Thripidae):					
<i>Chrysanthemum</i> sp	Scotland	1			Mass.
<i>Erica vagans</i> (cornish heath)	Netherlands			1	N. J.
<i>Rhododendron</i> sp	Japan			1	Wash.
<i>Weigela</i> sp	Netherlands			1	N. J.
<i>Thrips major</i> Uzel (Thripidae):					
<i>Erica vagans</i> (cornish heath)	do			1	N. J.
<i>Trapezonotus arenarius</i> (L.) (Lygacidae):					
<i>Viola</i> sp	Sweden			1	N. J.
<i>Trochuda raspa</i> (Druce) (Dipteridae):					
<i>Laelia anceps</i> (orchid)	Mexico			1	Tex.
<i>Trogoxylon aequale</i> (Wollaston) (Lyctidae):					
<i>Acacia koa</i> (koa)	Hawaii	1			Hawaii.
<i>Tyrophagus infestans</i> (Berl.) (Acaridae):					
<i>Daucus carota</i> (carrot)	Netherlands		1		Pa.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Costa Rica	1			Fla.*
<i>Citrus limon</i> (lemon)	Canal Zone		1		Calif.*
<i>Citrus paradisi</i> (grapefruit)	Colombia, Haiti	1	1		Fla.*
<i>Citrus sinensis</i> (orange)	Canal Zone, Mexico, Trinidad.	1	2		Calif.*, Fla.*
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Japan		1		Calif.*
<i>Citrus limon</i> (lemon)	do		7		Calif.*
<i>Citrus paradisi</i> (grapefruit)	do		1		Calif.*
<i>Citrus reticulata</i> (Mandarin orange)	Japan, Philippines	1	8		Calif.*, Hawaii.
<i>Citrus sinensis</i> (orange)	Japan	1	26		Calif.*, Hawaii, Pa.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Brassavola cordata</i> (orchid)	Jamaica			1	Hawaii.
<i>Brassavola</i> sp	do			1	Fla.
<i>Brassia caudata</i> (orchid)	do			2	Fla., Hawaii.
<i>Brassia</i> sp	Canal Zone			1	Fla.
<i>Cynoches chlorochilon</i> (orchid)	do			1	Calif.*
<i>Epidendrum prismatocarpum</i> (orchid)	do			1	Calif.*
<i>Gongora</i> sp. (orchid)	Trinidad			1	Calif.*
<i>Ixora</i> sp	do	1			N. Y.
<i>Laurus nobilis</i> (Grecian laurel)	Bahamas, Barbados	2			Fla.*, Mass.
<i>Mangifera indica</i> (mango)	Tortola			1	St. Thomas & St. John.
<i>Oncidium papillio</i> (orchid)	Dominican Republic, Trinidad.			2	Hawaii, N. J.
<i>Oncidium</i> sp	Jamaica, Panama			2	Fla., N. J.

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Vinsonia stellifera</i> —Continued Orchid.....	Brazil, British Honduras, Canal Zone, Dominican Republic, Guatemala, Jamaica, Trinidad.	-----	-----	10	Fla., Hawaii.
<i>Phalaenopsis stuartiana</i> (orchid).....	Canal Zone.....	-----	-----	1	Calif.*
<i>Vulsirea violacea</i> (F.) (Pentatomidae): <i>Copaifera hemitomophylla</i> ("cativo").....	Colombia.....	1	-----	-----	Ala.
<i>Xerococcus fouquieriae</i> Ferris (Coccidae): <i>Fouquieria splendens</i> (cocotillo).....	Mexico.....	-----	-----	1	Calif.
<i>Xerophilaspis prosopidis</i> (Ckll.) (Coccidae): <i>Prosopis</i> sp. (mesquite).....	do.....	-----	1	-----	Ariz:
<i>Xylopsocus castanoptera</i> (Fairm.) (Bostrichidae): <i>Acacia koa</i> (koa).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Xyllothrips religiosus</i> (Boisd.) (Bostrichidae): Baggage.....	do.....	1	-----	-----	Hawaii.
<i>Xystrocera globosa</i> (Oliv.) (Cerambycidae): Airplane.....	do.....	-----	1	-----	Hawaii.
<i>Samanea saman</i> (monkey-pod).....	do.....	4	-----	-----	H a w a i i , Wash.

Hosts and Insects

- ABRUS:**
Caryopemon cruciger (Coleoptera)
ABUTILON:
Oxycaenus albidipennis (Hemiptera)
ACACIA:
"Acanthoscelides" spinipes (Coleoptera)
Caryedon fuscus (Coleoptera)
Lyctus linearis (Coleoptera)
Nasutitermes nigriceps (Isoptera)
Pantomorus godmani (Coleoptera)
Sinoxylon conigerum (Coleoptera)
Stator pruininus (Coleoptera)
Trogoxylon aequale (Coleoptera)
Xylopsocus castanoptera (Coleoptera)
ACER:
Coptophylla gymnaspsis (Aearina)
Pulvinaria horii (Homoptera)
ACHRAS:
Anastrepha serpentina (Diptera)
AERIDES:
Furcaspis biformis (Homoptera)
AGAPANTHUS:
Haplothrips gowdeyi (Thysanoptera)
ALLIUM PORRUM:
Acrolepia assectella (Lepidoptera)
Deroceras reticulatum (Mollusea)
ALLIUM SATIVUM:
Brachycerus albidentatus (Coleoptera)
Brachycerus algirus (Coleoptera)
Dyspessa ulula (Lepidoptera)
Melalgus plicatus (Coleoptera)
ALLOTEROPSIS:
Paromius gracilis (Hemiptera)
ALPINIA:
Adoretus sinicus (Coleoptera)
AMARYLLIDACEAE:
Platynota rostrana (Lepidoptera)
AMARYLLIS:
Sinoxylon anale (Coleoptera)
Taeniothrips gracilis (Thysanoptera)
AMHERSTIA:
Pseudaonidia trilobitiformis (Homoptera)
ANANAS:
Alpheias conspirata (Lepidoptera)
Ereunetis flavistriata (Lepidoptera)
Heterobostrychus aequalis (Coleoptera)
Pheidole megacephala (Hymenoptera)
Platynota rostrana (Lepidoptera)
Ribua innoxia (Lepidoptera)
Talurus rugosus (Coleoptera)
Thecla ziba (Lepidoptera)
ANDROPOGON:
Diploxys capensis (Hemiptera)
ANNONA:
Anastrepha fraterculus (?) (Diptera)
Anastrepha mombinpraeoptans (Diptera)
Bephrata maculicollis (Hymenoptera)
Cerconota anonella (Lepidoptera)
Lepidosaphes mimosarum (?) (Homoptera)
Talponia batesi (Lepidoptera)
ANTHURIUM:
Bradybaena similis (Mollusea)
Dacus cucurbitae (Diptera)
Hyalopeplus pellucidus (Hemiptera)
Protopulvinaria pyriformis (Homoptera)
ANTIRRHINUM:
Pheidole megacephala (Hymenoptera)
Prodenia eridania (Lepidoptera)
APIUM:
Anuraphis tulipae (Homoptera)
ARACEAE:
Mecistorhinus marmoratus (Hemiptera)
ARMORACIA:
Agriotes obscurus (Coleoptera)
Athous hirtus (Coleoptera)
Athous niger (Coleoptera)
Baris lepidii (Coleoptera)
Frankliniella tenuicornis (Thysanoptera)
ARUNDINA:
Leucaspis cockerelli (Homoptera)
ASPARAGUS:
Callosobruchus maculatus (Coleoptera)
ASPASIA:
Asterolecanium epidendri (Homoptera)
- ASTER:**
Deroceras reticulatum (Mollusea)
Haplothrips gowdeyi (Thysanoptera)
ASTRAGALUS:
Bruchidius caninus (Coleoptera)
ATHYRIUM:
Liophloeus tessulatus (Coleoptera)
ATYLOSIA:
Callosobruchus theobromae (Coleoptera)
AUCUBA:
Brevipalpus inornatus (Acarina)
BAMBOO:
Asterolecanium bambusae (Homoptera)
Asterolecanium miliaris miliaris (Homoptera)
Asterolecanium miliaris robustum (Homoptera)
Dinoderus bifoveolatus (Coleoptera)
Odonaspis greeni (Homoptera)
BAUHINIA:
Gibbobruchus speculiferus (Coleoptera)
BEGONIA:
Frankliniella bispinosa (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
BERBERIS:
Liosomaphis berberidis (Homoptera)
BETA:
Callosobruchus maculatus (Coleoptera)
Evergestis forficalis (Lepidoptera)
Gnoriomoschema ocellatella (Lepidoptera)
Lixus junci (Coleoptera)
Pachyzancla bipunctalis (Lepidoptera)
BILLBERGIA:
Aspidiotus palmae (Homoptera)
BRASSAVOLA:
Furcaspis biformis (Homoptera)
Galgupha punctifer (Hemiptera)
Vinsonia stellifera (Homoptera)
BRASSIA:
Vinsonia stellifera (Homoptera)
BRASSICA NAPOBRASSICA:
Ceutorhynchus pleurostigma (Coleoptera)
BRASSICA OLERACEA BOTRYTIS:
Evergestis forficalis (Lepidoptera)
Phytomyza rufipes (Diptera)
BRASSICA OLERACEA CAPITATA:
Barathra brassicae (Lepidoptera)
Ceutorhynchus pleurostigma (Coleoptera)
Deroceras reticulatum (Homoptera)
Evergestis forficalis (Homoptera)
Hellula undalis (Homoptera)
Limax marginatus (Mollusca)
Phytomyza rufipes (Diptera)
BRASSICA RAPA:
Ceutorhynchus pleurostigma (Coleoptera)
Deroceras reticulatum (Mollusca)
Hellula undalis (Lepidoptera)
BROMELIAD:
Cephalodonta callosa (Coleoptera)
Chrysomphalus decorosus (Homoptera)
BROMUS:
Brachyplax palliata (Hemiptera)
BRYOPHYLLUM:
Monomorium destructor (Hymenoptera)
BUXUS:
Eriophyes canestrinii (Acarina)
Pinnaspis buxi (?) (Homoptera)
CACTUS:
Fulvius brevicornis (Hemiptera)
Lepidosaphes philococcus (Homoptera)
CAESALPINIA:
Mimosestes dominicanus (Coleoptera)
CAJANUS:
Acanthoscelides armitagei (Coleoptera)
Ancylostomia stercorea (Lepidoptera)
Callosobruchus maculatus (Coleoptera)
Callosobruchus phaseoli (Coleoptera)
Callosobruchus theobromae (Coleoptera)
Sphenarches caffer (Lepidoptera)
CALLUNA:
Gelechia ericetella (Lepidoptera)
Micrelus ericae (Coleoptera)
Oedemera annulata (Coleoptera)
CALOPOGONIUM:
Heterotermes convexinotatus (Isoptera)

Hosts and Insects—Continued

- CAMELLIA:**
Aspidiotus degeneratus (Homoptera)
Brevipalpus phoenicis (Acarina)
Parlatoria camelliae (Homoptera)
- CANAVALIA:**
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
- CAPSICUM:**
Ceratitis capitata (Diptera)
Dacus cucurbitae (Diptera)
Gnorimoschema gudmannella (Lepidoptera)
Monomorium destructor (Hymenoptera)
Pyrausta nubilalis (Lepidoptera)
- CARICA:**
Pheidole megacephala (Hymenoptera)
Pseudoparlatoria punctata (Homoptera)
- CARYOTA:**
Cryptoblabes gnidiella (Lepidoptera)
- CASSIA:**
Caryedon fuscus (Coleoptera)
Sennius alticola (Coleoptera)
Stator limbatus (Coleoptera)
- CASTANEA:**
Curculio elephas (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Laspeyresia splendana (Lepidoptera)
- CATTLEYEA:**
Asterolecanium epidendri (Homoptera)
Eurytoma orchidearum (Hymenoptera)
Furcaspis biformis (Homoptera)
Pseudischinaspis alienus (Homoptera)
Tenthecoris venezuelensis (Hemiptera)
- CEDRUS:**
Lecanium fletcheri (Homoptera)
- CHAMAECYPARIS:**
Megastigmus cryptomeriae (Hymenoptera)
- CHAMAEDOREA:**
Chrysomphalus sphaerioides (Homoptera)
Dinaspis aculeata (?) (Homoptera)
Epilachna varivestis (Coleoptera)
Icerya montserratensis (Homoptera)
Metamasius sericeus carbonarius (Coleoptera)
Stolas illustris (Coleoptera)
Tapinaspis annulus (Coleoptera)
Tapinaspis wesmaeli (Coleoptera)
- CHRYSANTHEMUM:**
Amorbia emigratella (Lepidoptera)
Deloyala guttata (Coleoptera)
Frankliniella formosae (Thysanoptera)
Helix aspersa (Homoptera)
Lygus lineolaris (Hemiptera)
Prodenia ornithogalli (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Taeniothrips vulgatissimus (Thysanoptera)
Thrips flavus (Thysanoptera)
- CICER:**
Acanthoscelides armitagei (Coleoptera)
Callosobruchus analis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
- CICHORIUM:**
Deroceras reticulatum (Mollusca)
Myzus ascalonicus (Homoptera)
Phytomyza rufipes (Diptera)
- CITRUS AURANTIFOLIA:**
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Chrysomphalus scutiformis (Homoptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS LIMON:**
Brevipalpus australis (Acarina)
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS PARADISI:**
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
- CITRUS PARADISI—Continued**
Ceratitis capitata (Diptera)
Ceroplastes sinensis (Homoptera)
Chrysomphalus personatus (Homoptera)
Dacus dorsalis (Diptera)
Leucaspis cockerelli (Homoptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS RETICULATA:**
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Parlatoria zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS SINENSIS:**
Aleurocanthus woglumi (Homoptera)
Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Brevipalpus phoenicis (Acarina)
Ceratitis capitata (Diptera)
Ceroplastes rubens (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Dialeurodes citri (Homoptera)
Gymnandrosoma aurantium (Lepidoptera)
Leucaspis cockerelli (Homoptera)
Olethreutes leucotreta (Lepidoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS SP.**
Aleurocanthus woglumi (Homoptera)
Aonidiella comperei (Homoptera)
Aspidiotus palmarum (Homoptera)
Brevipalpus australis (Acarina)
Brevipalpus phoenicis (Acarina)
Ceroplastes rubens (Homoptera)
Eutetranychus banksi (Acarina)
Glycyphagus domesticus (Acarina)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
- COCOS:**
Agonoxena argaula (Lepidoptera)
Aspidiotus destructor (Homoptera)
Asterolecanium degeneratum (Homoptera)
Augochlora cyaneoviridis (Hymenoptera)
Chrysomphalus personatus (Homoptera)
Diocalandra taitensis (Coleoptera)
Ereunetis flavistriata (Lepidoptera)
Phenacaspis sanwicensis (Homoptera)
Pseudococcus saipanensis (Homoptera)
- CODIAEUM:**
Ferrisia virgata (Homoptera)
Lepidosaphes tokionis (Homoptera)
Parlatoria crotonis (Homoptera)
Pheidole megacephala (Hymenoptera)
Pterolophia alternans (Coleoptera)
- COELOGYNE (?):**
Furcaspis biformis (Homoptera)
- COFFEA:**
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
- COLOCASIA:**
Cacographis osteolalis (Lepidoptera)
Myodocha longicollis (Hemiptera)
- COPAIFERA:**
Platypus rugulosus (Coleoptera)
Vulsirea violacea (Hemiptera)
- CORDYLINE:**
Adoretus sinicus (Coleoptera)
Bradybaena similis (Mollusca)
Pantomorus godmani (Coleoptera)
Pinnaspis buxi (Homoptera)
- COTONEASTER:**
Pye motes ventricosus (Acarina)
- CRATAEGUS:**
Ceratitis capitata (Diptera)
Rhagoletis pomonella (Diptera)
- CROCUS:**
Anuraphis tulipae (Homoptera)

Hosts and Insects—Continued

CRYPTOMERIA:

- Megastigmus cryptomeriae* (Hymenoptera)
Phloeosinus lewisi (Coleoptera)

CUCUMIS:

- Acalymma trivittata* (Coleoptera)
Dacus cucurbitae (Diptera)

CUPRESSUS:

- "*Acanthoscelides*" *spinipes* (Coleoptera)

CYCNOCHES:

- Vinsonia stellifera* (Homoptera)

CYDONIA:

- Anastrepha ludens* (Diptera)
Ceratitis capitata (Diptera)

CYMBIDIUM:

- Lepidosaphes tuberculata* (Homoptera)

CYNARA:

- Apion carduorum* (Coleoptera)
Gortyna flavago (Lepidoptera)
Sphaeroderma testaceum (Coleoptera)

CYNODON:

- Odonaspis ruthae* (Homoptera)

CYPRIPIEDIUM:

- Coccus capparidis* (Homoptera)

CYTISUS:

- Sparteus villosus* (Coleoptera)

DAHLIA:

- Haplothrips gowdeyi* (Thysanoptera)
Oxycarenus hyalinipennis (Hemiptera)
Pyrausta nubilalis (Lepidoptera)
Tetranychus tumidus (Acarina)

DAISY:

- Haplothrips gowdeyi* (Thysanoptera)

DAUCUS:

- Phalonia zephyrana* (Lepidoptera)
Tyrophagus infestans (Acarina)

DENDROBIUM:

- Coccus capparidis* (Homoptera)
Furcaspis biformis (Homoptera)
Pheidole megacephala (Hymenoptera)

DENDROCALAMUS:

- Antonina bambusae* (Homoptera)

DESMIDIUM:

- Bruchidius caeruleus* (Coleoptera)

DIANTHUS:

- Prodenia eridania* (Lepidoptera)

DIOSCOREA:

- Monomorium destructor* (Hymenoptera)
Pheidole megacephala (Hymenoptera)
 "Targionia" *hartii* (Homoptera)

DIOSPYROS:

- Parlatoria oleae* (Homoptera)

DOLICHOS:

- Callosobruchus analis* (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Callosobruchus phaseoli (Coleoptera)

EPIDENDRUM:

- Furcaspis biformis* (Homoptera)
Pheidole megacephala (Hymenoptera)
Vinsonia stellifera (Homoptera)

ERICA:

- Thrips flavus* (Thysanoptera)
Thrips major (Thysanoptera)

ERIOBOTRYA:

- Cryptoblabes gnidiella* (Lepidoptera)

EUGENIA:

- Dacus dorsalis* (Diptera)

EUPHORBIA:

- Pheidole megacephala* (Hymenoptera)
Pterolophia alternans (Coleoptera)

FICUS:

- Ceratitis capitata* (?) (Diptera)
Lepidosaphes ficus (Homoptera)

FLEMINGIA:

- Acanthoscelides armitagei* (Coleoptera)

FOUQUIERIA:

- Xerococcus fouquieriae* (Homoptera)

FRAGARIA:

- Brevipalpus phoenicis* (Acarina)

GARDENIA:

- Aleurothrixus myrtacei* (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes citri (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Protopulvinaria longivalvata (Homoptera)
Protopulvinaria pyriformis (Homoptera)

GARDENIA—Continued

- Pseudaonidia clavigera* (Homoptera)
Pulvinaria psidii (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)

GLADIOLUS:

- Anuraphis tulipae* (Homoptera)
Exptochiomeria confusa (Hemiptera)
Myzus ascalonicus (Homoptera)

GLYCINE:

- Callosobruchus maculatus* (Coleoptera)

GLYCYRRHIZA:

- Bruchidius halodendri* (Coleoptera)

GONGORA:

- Asterolecanium epidendri* (Homoptera)
Furcaspis biformis (Homoptera)
Vinsonia stellifera (Homoptera)

GOSSYPIMUM:

- Aceria gossypii* (Acarina)
Pectinophora gossypiella (Lepidoptera)

GRUSONIA:

- Dactylopius coccus* (Homoptera)

HEDERA:

- Myzus ascalonicus* (Homoptera)

HELICONIA:

- Aspidiotus palmae* (Homoptera)
Canthon triangularis (Coleoptera)
Ceresium unicolor (Coleoptera)

HIBISCUS:

- Adoretus sinicus* (Coleoptera)
Asterolecanium pustulans (Homoptera)
Crocidosema plebeiana (Lepidoptera)
Diachus auratus (Coleoptera)
Frankliniella bispinosa (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Pectinophora gossypiella (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Platyedra vilella (Lepidoptera)
Taeniothrips gracilis (Thysanoptera)
Tetranychus marianae (Acarina)

IPOMOEA:

- Bemisia inconspicua* (Homoptera)
Cylas formicarius elegantulus (Coleoptera)
Cylas formicarius, possibly *formicarius* (Coleoptera)
Cylas puncticollis (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Megacerus leucosomus (Coleoptera)
Palaeopus costicollis (Coleoptera)

IRIS:

- Anuraphis tulipae* (Homoptera)

IXORA:

- Coccus viridis* (Homoptera)
Protopulvinaria longivalvata (Homoptera)
Vinsonia stellifera (Homoptera)

JASMINUM:

- Dialeurodes kirkaldyi* (Homoptera)
Pseudoparlatoria ostreata (Homoptera)

JATROPHA:

- Aspidiotus diffinis* (Homoptera)

JUGLANS:

- Aspidiotus zonatus* (Homoptera)
Rhagoletis juglandis (?) (Diptera)

JUNIPERUS:

- Lepidosaphes pallida* (Homoptera)
Paratetranychus ununguis (Acarina)

KHAYA:

- Cordylomera spinicornis* (Coleoptera)

KOLKWITZIA:

- Acronicta rumicis* (Lepidoptera)

LABURNUM:

- Sparteus villosus* (Coleoptera)

LACTUCA:

- Spissistilus festinus* (Homoptera)
Theba pisana (Mollusca)

LAELIA:

- Chrysomphalus nigropunctatus* (Homoptera)
Trochuda raspa (Lepidoptera)

LANSIUM:

- Pseudococcus lilacinus* (Homoptera)

LATHYRUS:

- Bruchus azoricus* (?) (Coleoptera)
Bruchus tristiculus (Coleoptera)
Bruchus tristis (Coleoptera)
Haplothrips gowdeyi (Thysanoptera)
Taeniothrips gracilis (Thysanoptera)

Hosts and Insects—Continued

LAURUS:

Eucalymnatus tessellatus (Homoptera)
Vinsonia stellifera (Homoptera)

LENS:

Bruchus ervi (Coleoptera)
Bruchus lentis (Coleoptera)
Bruchus signaticornis (Coleoptera)
Callosobruchus maculatus (Coleoptera)

LILIUM:

Clerada apicicornis (Hemiptera)

LONICERA:

Frankliniella bispinosa (Thysanoptera)

LYCOPERSICON:

Blissus leucopterus (Hemiptera)
Blissus leucopterus insularis (Hemiptera)
Chalepus bellulus (Coleoptera)
Dacus cucurbitae (Diptera)
Disonycha collata (Coleoptera)
Ligyrocoris aurivilliana (Hemiptera)
Mecotetartus antennatus (Coleoptera)
Neoleucinodes elegantalis (Lepidoptera)
Physonota attenuata (Coleoptera)
Platynota rostrana (Lepidoptera)
Prodenia eridania (Lepidoptera)

MACADAMIA:

Cryptophlebia illepida (Lepidoptera)

MALUS:

Argyresthia conjugella (Lepidoptera)
Carposina sasakii (Lepidoptera)
Ceratitis capitata (Diptera)
Exptochioma confusa (Hemiptera)
Glycyphagus domesticus (Acarina)
Grapholitha molesta (Lepidoptera)
Nysius huttoni (Hemiptera)
Parlatoria oleae (Homoptera)
Rhagoletis cerasi (?) (Diptera)
Rhagoletis pomonella (Diptera)

MAMMEA:

Anastrepha serpentina (Diptera)

MAMMILLARIA:

Gerstaeckeria mutillaria (Coleoptera)

MANGIFERA:

Anastrepha fraterculus (?) (Diptera)
Anastrepha ludens (Diptera)
Anastrepha mombinpraeoptans (Diptera)
Aulacaspis tubercularis (Homoptera)
Ceratitis capitata (Diptera)
Ceroplastes rubens (Homoptera)
Coccus viridis (Homoptera)
Dacus dorsalis (Diptera)
Eucalymnatus tessellatus (Homoptera)
Ferrisia virgata (Homoptera)
"Leucaspis" indica (Homoptera)
Oligonychus biharensis (Acarina)
Parlatoria crypta (Homoptera)
Parlatoria pseudaspidiotus (Homoptera)
Sternochetus mangiferae (Coleoptera)
Vinsonia stellifera (Homoptera)

MASDEVALLIA:

Brevipalpus oncidii (Acarina)

MEDICAGO:

Bruchidius nanus (Coleoptera)

MELILOTUS:

Hypera postica (Coleoptera)

MENTHA:

Platynota rostrana (Lepidoptera)

MESEMBRYANTHEMUM:

Pulvinaria mesembryanthemi (Homoptera)

MESPIBUS:

Ceratitis capitata (Diptera)

MONSTERA:

Chalepus hornianus (Coleoptera)

MORAEA:

Blissus diplopterus (Hemiptera)

MUSA PARADISIACA SAPIENTUM:

Chrysomphalus umboniferus (Homoptera)
Cosmopolites sordidus (Coleoptera)
Dacus dorsalis (Diptera)
Metamasius sericeus (Coleoptera)
Prodenia ornithogalli (Lepidoptera)

NARCISSUS:

Frankliniella bispinosa (Thysanoptera)

OCHROSIA:

Dacus dorsalis (Diptera)

ODONTOGLOSSUM:

Chrysomphalus umboniferus (Homoptera)

OLEA:

Chrysomphalus pinnulifera (Homoptera)
Dacus oleae (Diptera)
Parlatoria oleae (Homoptera)
Prays oleellus (Lepidoptera)

ONCIDIUM:

Asterolecanium epidendri (Homoptera)
Chrysomphalus odontoglossi (Homoptera)
Furcaspis biformis (Homoptera)
Vinsonia stellifera (Homoptera)

ONOBRYCHIS:

Bruchidius gilvus (Coleoptera)
Eurytoma onobrychidis (Hymenoptera)

OPERCULINA:

Megacerus alternatus (Coleoptera)
Sybra alternans (Coleoptera)

OPUNTIA:

Ceratitis capitata (Diptera)

ORCHID:

Archimerus scutellaris (Hemiptera)
Asterolecanium epidendri (Homoptera)
Automeris boucardi (Lepidoptera)
Capaneus tetricus (Hemiptera)
Cephalodonta callosa (Coleoptera)
Chelysoma variabilis (Hemiptera)
Coptotermes formosanus (Isoptera)
Deloyala guttata (Coleoptera)
Diorymerellus laevimargo (Coleoptera)
Disonycha collata (Coleoptera)
Epilachna varivestris (Coleoptera)
Farinococcus guatemalensis (or a very closely related form) (Homoptera)
Fulvius anthocorides (Hemiptera)
Furcaspis biformis (Homoptera)
Galgupha punctifer (Hemiptera)
Heterotermes convexinotatus (Isoptera)
Iridomyrmex humilis (Hymenoptera)
Iridomyrmex iniquus (Hymenoptera)
Ligyrocoris abdominalis (Hemiptera)
Ligyrocoris aurivilliana (Hemiptera)
Monanthia monotropidia (Hemiptera)
Monomorium destructor (Hymenoptera)
Oedionychis atroguttata (Coleoptera)
Oedionychis pavoninus (Coleoptera)
Ogdocosta juvenca (Coleoptera)
Ozophora consanguineus (Hemiptera)
Pantomorus godmani (Coleoptera)
Parmenonta valida (Coleoptera)
Pheidole megacephala (Hymenoptera)
Physonota attenuata (Coleoptera)
Plagiocera semivittata (Coleoptera)
Plagiocera thymaloides (Coleoptera)
Plusia chalcites (?) (Lepidoptera)
Praeblissus albofasciatus (Hemiptera)
Prodenia eridania (Lepidoptera)
Pseudischinaspis alienus (Homoptera)
Sixeonotus luteiceps (Hemiptera)
Tenthecoris bicolor (Hemiptera)
Tenthecoris confusus (Hemiptera)
Tenuipalpus pacificus (Acarina)
Vinsonia stellifera (Homoptera)

ORNITHOGALUM:

Frankliniella schultzei (Thysanoptera)

ORYZA:

Chilo suppressalis (Lepidoptera)
Dinoderus bifoveolatus (Coleoptera)

PACHYRHIZUS:

Acanthoscelides armitagei (Coleoptera)
Deroceras reticulatum (Mollusca)

PALM:

Aspidiotus destructor (Homoptera)
Chalepus signaticollis (Coleoptera)
Furcaspis biformis (Homoptera)
Oxydema fusiforme (Coleoptera)
Parlatoria mytilaspiformis (Homoptera)

PELARGONIUM:

Ligyrocoris aurivilliana (Hemiptera)

PENTASCHISTIS:

Blissus diplopterus (Hemiptera)
Eysarcoris inconspicuus (Hemiptera)

PEPEROMIA:

Platynota rostrana (Lepidoptera)

PERSEA:

Aspidiotus destructor (Homoptera)
Aspidiotus diffinis (Homoptera)
Aspidiotus herculeanus (Homoptera)

Hosts and Insects—Continued

PERSEA—Continued

- Caulophilus latinasus* (Coleoptera)
- Ceratitis capitata* (Diptera)
- Chrysomphalus albopictus* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Conotrachelus aguacatae* (Coleoptera)
- Dacus dorsalis* (Diptera)
- Heilipus lauri* (Coleoptera)
- Pseudacysta perseae* (Hemiptera)
- Stenoma catenifer* (Lepidoptera)

PETROSELINUM:

- Deroceras reticulatum* (Mollusca)

PHALAENOPSIS:

- Chrysomphalus tingi* (Homoptera)
- Vinsonia stellifera* (Homoptera)

PHALARIS:

- Blissus diplopterus* (Hemiptera)

PHASEOLUS ACONITIFOLIUS:

- Callosobruchus maculatus* (Coleoptera)

PHASEOLUS AUREUS:

- Callosobruchus maculatus* (Coleoptera)

PHASEOLUS CALCARATUS:

- Callosobruchus maculatus* (Coleoptera)
- Callosobruchus theobromae* (Coleoptera)

PHASEOLUS LUNATUS:

- Acanthoscelides obreptus* (Coleoptera)
- Callosobruchus maculatus* (Coleoptera)

PHASEOLUS MUNGO:

- Callosobruchus maculatus* (Coleoptera)

PHASEOLUS VULGARIS:

- Acanthoscelides obvelatus* (Coleoptera)
- Callosobruchus maculatus* (Coleoptera)
- Hedylepta indicata* (Lepidoptera)
- Picturaphis vignaphila* (Homoptera)

PHASEOLUS VULGARIS VAR.:

- Dacus cucurbitae* (Diptera)
- Epinotia opposita* (Lepidoptera)
- Laspeyresia leguminis* (Lepidoptera)
- Maruca testulalis* (Lepidoptera)
- Prodenia eridania* (Lepidoptera)
- Pyrausta nubilalis* (Lepidoptera)

PHASEOLUS SP.:

- Callosobruchus maculatus* (Coleoptera)

PHILODENDRON:

- Aspidiotus diffinis* (Homoptera)
- Chalepus hornianus* (Coleoptera)
- Chrysomphalus personatus* (Homoptera)
- Chrysomphalus sphaerioides* (Homoptera)
- Chrysomphalus tenax* (Homoptera)
- Isognathus rimosa inclitus* (Lepidoptera)
- Myodocha longicollis* (Hemiptera)
- Ozophora consanguineus* (Hemiptera)
- Pinnaspis buxi* (Homoptera)
- Tenthecoris bicolor* (Hemiptera)

PICEA:

- Lepidosaphes pallida* (Homoptera)

PIMPINELLA:

- Systole geniculata* (Hymenoptera)

PINUS:

- Ceroplastes rubens* (Homoptera)
- Lepidosaphes newsteadi* (Homoptera)
- Leucaspis loewi* (Homoptera)
- "*Poliaspis*" *pini* (Homoptera)
- Pseudococcus pini* (Homoptera)
- Ptochoryctis tsugensis* (Lepidoptera)

PIPER:

- Lepidosaphes piperis* (Homoptera)

PISTACIA:

- Chrysomphalus inopinatus* (Homoptera)
- Epidiaspis gennadii* (Homoptera)
- Leucaspis pistaciae* (Homoptera)

PISUM:

- Ancylostomia stercorea* (Lepidoptera)
- Callosobruchus analis* (Coleoptera)
- Callosobruchus maculatus* (Coleoptera)

PITHECELLOBIUM:

- Cryptophlebia ombrodelta* (Lepidoptera)

PLUMERIA:

- Phenacaspis sandwicensis* (Homoptera)

POLIANTHES:

- Frankliniella bispinosa* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Taeniothrips gracilis* (Thysanoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

POLYSTACHYA:

- Chrysogramma octomaculata* (Coleoptera)
- Myzus anselliae* (?) (Homoptera)

PROSOPIS:

- Aspidiotus candidulus* (Homoptera)
- Pseudodiaspis yuccae* (Homoptera)
- Rhipibruchus picturatus* (Coleoptera)
- Tetraleurodes acaciae* (Homoptera)
- Xerophilaspis prosopidis* (Homoptera)

PRUNUS AMYGDALUS:

- Nilotaspis halli* (Homoptera)

PRUNUS ARMENIACA:

- Ceratitis capitata* (Diptera)
- Parlatoria oleae* (Homoptera)

PRUNUS DOMESTICA:

- Nysius simulans* (Hemiptera)
- Pseudococcus gahani* (Hemiptera)

PRUNUS PERSICA:

- Anastrepha fraterculus* (Diptera)
- Anuraphis schwartzi* (Homoptera)
- Ceratitis capitata* (Diptera)
- Dacus dorsalis* (Diptera)
- Grapholitha molesta* (Lepidoptera)
- Nysius angustellus* (Hemiptera)
- Sibinia primita* (Coleoptera)

PRUNUS PERSICA NECTARINA:

- Ceratitis capitata* (Diptera)
- Iridomyrmex humilis* (Hymenoptera)

PRUNUS SP. (cherry):

- Rhagoletis cerasi* (Diptera)

PRUNUS SP.

- Epidiaspis piricola* (Homoptera)
- Parlatoria oleae* (Homoptera)

PSIDIUM:

- Amorbia emigratella* (Lepidoptera)
- Anastrepha mombinpraeoptans* (Diptera)
- Anastrepha striata* (Diptera)
- Anastrepha suspensa* (Diptera)
- Ceratitis capitata* (Diptera)
- Dacus dorsalis* (Diptera)

PUNICA:

- Amorbia emigratella* (Lepidoptera)
- Anastrepha ludens* (Diptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Hypsopygia costalis* (Lepidoptera)

PUERARIA:

- Callosobruchus maculatus* (Coleoptera)

PYRUS:

- Ceratitis capitata* (Diptera)

QUERCUS:

- Akis bacarozzo* (Coleoptera)
- Hemimene juliana* (Lepidoptera)
- Porthetria dispar* (Lepidoptera)
- Theba pisana* (Mollusca)

RAPHANUS:

- Limax maximus* (Mollusca)

RHODODENDRON:

- Acala schalleriana* (Lepidoptera)
- Aleyrodes azaleae* (Homoptera)
- Dialeurodes chittendeni* (Homoptera)
- Gracilaria azaleella* (Lepidoptera)
- Hallodapus rufescens* (?) (Hemiptera)
- Masonaphis rhododendri* (Homoptera)
- Sitona lineata* (Coleoptera)
- Stephanitis pyroides* (Hemiptera)
- Thrips flavus* (Thysanoptera)

RHYNCHELYTRUM:

- Paromius gracilis* (Hemiptera)

RIVEA:

- Megacerus leucosomus* (Coleoptera)

RORIPPA:

- Phyllotreta vittula* (Coleoptera)

ROSA:

- Allantus cinctus* (Hymenoptera)
- Arge rosae* (Hymenoptera)
- Glycyphagus domesticus* (Acarina)
- Penthaleus minor* (Acarina)
- Pyemotes ventricosus* (Acarina)
- Taeniothrips hawaiiensis* (Thysanoptera)

RUMEX:

- Acanthoscelides armitagei* (Coleoptera)

SACCHARUM:

- Iridomyrmex humilis* (Hymenoptera)
- Pseudococcus boninsis* (Homoptera)
- Rhabdoscelus obscurus* (Coleoptera)
- "*Targionia*" *sacchari* (Homoptera)

Hosts and Insects—Continued

- SALIX:**
Leptidiella brevipennis (Coleoptera)
- SALVIA:**
Iridomyrmex humilis (Hymenoptera)
- SAMANEA:**
Sinoxylon conigerum (Coleoptera)
Stator limbatus (Coleoptera)
Xystrocera globosa (Coleoptera)
- SANDORICUM:**
Dacus dorsalis (Diptera)
- SAPINDUS:**
Cryptophlebia illepidia (Lepidoptera)
- SAPOTE:**
Prodenia eridania (Lepidoptera)
Puto mexicanus (Homoptera)
- SCHIZOCODON:**
Lepidosaphes tubulorum (as defined by Kuwana) (Homoptera)
- SCINDAPSUS:**
Pinnaspis buxi (Homoptera)
- SECHIUM:**
Monomorium destructor (Hymenoptera)
- SELAGINELLA:**
Ogdoecosta mexicana (Coleoptera)
- SINNINGIA:**
Phenacoccus solani (Homoptera)
- SESBANIA:**
Bruchidius angustifrons (Coleoptera)
- SMILAX:**
Dinoderus bifoveolatus (Coleoptera)
- SOIL:**
Agriotes limosus (Coleoptera)
Agrotis ypsilon (Lepidoptera)
Athous haemorrhoidalis (Coleoptera)
Betarmon bigeminatus (Coleoptera)
Deroceras reticulatum (Mollusca)
Dichocrocis punctiferalis (Lepidoptera)
Iridomyrmex humilis (Hymenoptera)
Limax maximus (Homoptera)
Melanotus fissilis (Coleoptera)
Tetraleurodes acaciae (Homoptera)
- SOLANUM MELONGENA:**
Neoleucinodes elegantalis (Lepidoptera)
Pachyzancla periualis (Lepidoptera)
- SOLANUM TUBEROSUM:**
Monomorium destructor (Hymenoptera)
- SORBUS:**
Ceratitis capitata (?) (Diptera)
- SORGHUM:**
Aglossa cuprealis (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)
- SPARTIUM:**
Sparteus villosus (Coleoptera)
- SPATHYPHYLLUM:**
Asterolecanium epidendri (Homoptera)
- SPIRAEA:**
Agriotes obscurus (Coleoptera)
Sitona lineata (Coleoptera)
- SPONDIAS:**
Anastrepha mombinpraeoptans (Diptera)
- STACHYS:**
Iridomyrmex humilis (Hymenoptera)
- STANHOPEA:**
Furcaspis biformis (Homoptera)
- STRELITZIA:**
Phenacaspis sandwicensis (Homoptera)
- SUTHERLANDIA:**
Oxycarenus albidipennis (Hemiptera)
- SWIETENIA:**
Monomorium destructor (Hymenoptera)
- SYRINGA:**
Adoxophyes orana (Lepidoptera)
Athous hirtus (Coleoptera)
Dendrothrips ornatus (Thysanoptera)
Liocoris tripustulatus (Hemiptera)
- TAMARINDUS:**
Acanthoscelides armitagei (Coleoptera)
Caryedon fuscus (Coleoptera)
- TAXUS:**
Pseudococcus pini (Homoptera)
- TERMINALIA:**
Dacus dorsalis (?) (Diptera)
- THUJA:**
Hypera rumicis (Coleoptera)
- TRIFOLIUM:**
Apion assimile (Coleoptera)
- TRITICUM:**
Aglossa cuprealis (Lepidoptera)
- TULIPA:**
Anuraphis tulipae (Homoptera)
- VACCINIUM:**
Amorbia emigratella (Lepidoptera)
- VANDA:**
Bradybaena similis (Mollusca)
Parlatoria pseudaspidotus (Homoptera)
Siphanta acuta (Homoptera)
- VICIA:**
Apion craccae (Coleoptera)
Bruchidius incarnatus (Coleoptera)
Bruchus azoricus (Coleoptera)
Bruchus brachialis (Coleoptera)
Bruchus dentipes (Coleoptera)
Bruchus luteicornis (Coleoptera)
Bruchus rufipes (Coleoptera)
Bruchus tristis (Coleoptera)
Bruchus ulicis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
- VIGNA:**
Callosobruchus maculatus (Coleoptera)
Fundella pelluscens (Lepidoptera)
- VIOLA:**
Trapezonotus arenarius (Hemiptera)
- VITIS:**
Aegaleus bicinctus (Hemiptera)
Cryptoblabes gnidiella (Lepidoptera)
Deroceras reticulatum (Mollusca)
Iridomyrmex humilis (Hymenoptera)
Leptoglossus chilensis (Hemiptera)
Listroderes subcincta (Coleoptera)
Phlyctinus callosus (Coleoptera)
Polychrosis botrana (Lepidoptera)
- WEIGELA:**
Thrips flavus (Thysanoptera)
- ZANTEDESCHIA:**
Blissus leucopterus insularis (Hemiptera)
Pseudococcus gahani (Homoptera)
- ZEA:**
Moodna bisinuella (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
Sesamia vutera (Lepidoptera)
- ZELKOVA:**
Pulvinaria horii (Homoptera)
- ZINNIA:**
Crociosema plebeiana (Lepidoptera)
Haplothrips gowdeyi (Thysanoptera)
Lygus lineolaris (Hemiptera)
Microcephalothrips abdominalis (Thysanoptera)
Prodenia eridania (Lepidoptera)
- ZIZYPHUS:**
Cerococcus ornatus (?) (Homoptera)

Hosts Unknown

- AIRPLANE:**
Adoretus sinicus (Coleoptera)
Agallia lingula (Homoptera)
Algarobius prosopis (Coleoptera)
Anomala cuprea (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Callosobruchus phaseoli (Coleoptera)
Caryedon fuscus (Coleoptera)
Ceresium unicolor (Coleoptera)
Dacus dorsalis (Diptera)
Draeculacephala producta (?) (Homoptera)
Hellula undalis (Lepidoptera)
Melanacanthus ferrugineus (Hemiptera)
Mimosestes sallaei (Coleoptera)
- AIRPLANE—Continued**
Mocis repanda (Lepidoptera)
Nephotettix apicalis (Homoptera)
Nysius delectus (Hemiptera)
Pachybrachius nietneri (Hemiptera)
Pachybrachius nigriceps (Hemiptera)
Perkinsiella vitiensis (Homoptera)
Philaenus leucophthalmus (Homoptera)
Polydesma umbricola (Lepidoptera)
Prodenia litura (Lepidoptera)
Sinoxylon conigerum (Coleoptera)
Spanogonicus albofasciatus (Hemiptera)
Tephritis finalis (Diptera)
Xystrocera globosa (Coleoptera)

Hosts Unknown—Continued

AUTOMOBILE:

Pectinophora gossypiella (Lepidoptera)

BAGGAGE:

Adoretus sinicus (Coleoptera)*Caryedon fuscus* (Coleoptera)*Helix aspersa* (Mollusca)*Iridomyrmex humilis* (Hymenoptera)*Xylothrips religiosus* (Coleoptera)

BEAN:

Callosobruchus analis (Coleoptera)*Callosobruchus maculatus* (Coleoptera)*Monomorium destructor* (Hymenoptera)

BIRD:

Iridomyrmex humilis (Hymenoptera)

FERN:

Deloyala guttata (Coleoptera)*Pheidole megacephala* (Hymenoptera)

FLOWERS:

Adoretus sinicus (Coleoptera)*Amorbia emigratella* (Lepidoptera)*Draeculacephala producta* (?) (Homoptera)*Frankliniella intonsa* (Thysanoptera)*Haplothrips gowdeyi* (Thysanoptera)*Iridomyrmex humilis* (Hymenoptera)*Megacerus alternatus* (Coleoptera)*Pantomorus godmani* (Coleoptera)

GRASS:

Aeolus pictus (Coleoptera)*Antonina graminis* (Homoptera)

HERBS:

Disonycha collata ((Coleoptera)IN CARTON CONTAINING ELMS, PINE,
AND CYPRESS:*Potochoryctis tsugensis* (Lepidoptera)

LEAF:

Aonidiella inornata (Homoptera)

LOG:

Heterotermes convexinotatus (Isoptera)

PACKING:

Coeliodes rubicundus (Coleoptera)*Ogdoecosta biannularis* (Coleoptera)

PEAT MOSS:

Arctothezia cataphracta (Homoptera)

PLANTS:

Bradybaena similis (Mollusca)*Chrysomphalus tenax* (Homoptera)*Deroceras reticulatum* (Mollusca)*Ferrisia virgata* (Homoptera)*Pachybrachius albocinctus* (Hemiptera)

RAILWAY CAR—REFRIGERATOR:

Anastrepha ludens (Diptera)

SCRAP METAL:

Achatina fulica (Mollusca)

SEED:

Callosobruchus phaseoli (Coleoptera)*Nysius coenosulus* (Hemiptera)

SEED POD:

Lepidosaphes mimosarum (Homoptera)*Pterolophia alternans* (Coleoptera)

TREE FERN:

Bradybaena similis (Mollusca)

TREE SEED:

Callosobruchus maculatus (Coleoptera)

WEED:

Sybra alternans (Coleoptera)

WOOD:

Cryptotermes brevis (Isoptera)*Heterobostrychus aequalis* (Coleoptera)*Lyctus africanus* (Coleoptera)*Lyctus brunneus* (Coleoptera)*Phyllognathus silenus* (Coleoptera)*Sinoxylon anale* (Coleoptera)*Sinoxylon conigerum* (Coleoptera)*Countries of Origin and Insects*

AFGHANISTAN:

*Bruchus dentipes**Bruchus ulicis**Callosobruchus maculatus*

ALGERIA

*Ceratitis capitata**Gortyna flavago**Parlatoria zizyphus**Phalonia zephyrana*

ANGOLA:

Olethreutes leucotreta

ANGUILLA:

Callosobruchus maculatus

ANTIGUA:

*Asterolecanium miliaris robustum**"Targionia" hartii*

ARGENTINA:

*"Acanthoscelides" spinipes**Ceratitis capitata**Deroceras reticulatum**Grapholitha molesta**Parlatoria cinerea**Pseudaonidia trilobitiformis**Rhipibruchus picturatus*

AUSTRALIA:

*Deroceras reticulatum**Furcaspis bifomis**Hellula undalis**Iridomyrmex humilis**Lepidosaphes tuberculata**Odonaspis ruthae**Taeniothrips hawaiiensis*

AUSTRIA:

*Leucaspis loewi**Rhagoletis cerasi**Sparteus villosus*

AZORES:

*Aglossa cuprealis**Bruchus azoricus**Bruchus lentis**Bruchus tristiculus**Bruchus tristis**Ceratitis capitata**Cryptoblabes gnidiella**Rhagoletis cerasi* (?)

BAHAMAS:

*Anastrepha mombinpraeoptans**Callosobruchus maculatus**Crociosema plebeiana**Cylas formicarius elegantulus**Haplothrips gowdeyi**"Targionia" sacchari**Vinsonia stellifera*

BARBADOS:

*Eucalymnatus tessellatus**Vinsonia stellifera*

BELGIUM:

*Acalla schalleriana**Acrolepia assectella**Athous haemorrhoidalis**Barathra brassicae**Deroceras reticulatum**Evergestis forficalis**Gracilaria azaleella**Masonaphis rhododendri**Phytomyza rufipes**Rhagoletis cerasi*

BERMUDA:

*Clerada apicicornis**Cryptoblabes gnidiella**Frankliniella bispinosa**Haplothrips gowdeyi**Iridomyrmex humilis**Lygus lineolaris**Microcephalothrips abdominalis**Pheidole megacephala**Prodenia eridania**Taeniothrips gracilis*

BRAZIL:

*Anastrepha fraterculus**Anuraphis tulipae**Aspidiotus palmae**Asterolecanium epidendri**Brevipalpus phoenicis**Ceratitis capitata**Cryptoblabes gnidiella**Deroceras reticulatum**Eurytoma orchidearum**Gibbobruchus speculiferus**Gymnandrosoma aurantianum*

Countries of Origin and Insects—Continued

BRAZIL—Continued

Neoleucinodes elegantalis
Parlatoria cinerea
Pseudaonidia trilobitiformis
Stenoma catenifer
Vinsonia stellifera

BRITISH GUIANA:

Asterolecanium miliaris miliaris
Oligonychus biharensis

BRITISH HONDURAS:

Hedylepta indicata
Picturaphis vignaphila
Stenoma catenifer
Vinsonia stellifera

BRITISH VIRGIN ISLANDS:

Nasutitermes nigriceps

BRITISH WEST AFRICA:

Cylas puncticollis

BRITISH WEST INDIES:

Callosobruchus maculatus
Callosobruchus phaseoli

BURMA:

Callosobruchus maculatus
Callosobruchus phaseoli
Callosobruchus theobromae

CANADA:

Agriotes limosus
Agrotis ypsilon
Anuraphis tulipae
Betarmon bigeminatus
Bruchus brachialis
Deloyala guttata
Deroceras reticulatum
Lecanium fletcheri
Melanotus fissilis
Pyrausta nubilalis
Rhagoletis pomonella

CANADA: (?)

Callosobruchus maculatus

CANAL ZONE:

Acanthoscelides armitagei
Antonia bambusae
Aspidiotus destructor
Asterolecanium epidendri
Callosobruchus maculatus
Carulophilus latinasus
Cephalodonta callosa
Coccus viridis
Ferrisia virgata
Furcaspis biformis
Lepidosaphes tokionis
Leucaspis cockerelli
Pheidole megacephala
Phenacoccus solani
Unaspis citri
Vinsonia stellifera

CANARY ISLANDS:

Ceratitis capitata

CANTON ISLAND:

Prodenia litura

CAPE VERDE ISLANDS:

Callosobruchus maculatus

CAROLINE ISLANDS:

Achatina fulica

CENTRAL AMERICA:

Aleurothrixus myrtacei
Draeculacephala producta

CEYLON:

Dacus dorsalis (?)

CHILE:

Anastrepha fraterculus (?)
Chrysomphalus personatus
Iridomyrmex humilis
Leptoglossus chilensis
Listroderes subcincta
Nysius angustellus
Nysius simulans
Parlatoria cinerea
Pseudococcus gahani

CHINA:

Brevipalpus australis
Brevipalpus phoenicis
Dialeurodes kirkaldyi
Odonaspis greeni
Parlatoria camelliae
Parlatoria zizyphus

COLOMBIA:

Anastrepha fraterculus (?)
Aspidiotus diffinis
Asterolecanium epidendri
Bephrata maculicollis
Cerconota anonella
Furcaspis biformis
Heterotermes convexinotatus
Mecistorhinus marmoratus
Pachybrachius albocinctus
Platypus rugulosus
Stenoma catenifer
Unaspis citri
Vulsirea violacea

COSTA RICA:

Acanthoscelides armitagei
Acanthoscelides obvelatus
Anastrepha mombinpraeoptans
Aspidiotus palmae
Coccus viridis
Dinoderus bifoveolatus
Furcaspis biformis
Galgupha punctifer
Protopulvinaria longivalvata
Protopulvinaria pyriformis
Pseudischnaspis alienus
Unaspis citri

CRETE:

Parlatoria zizyphus

CUBA:

Anastrepha mombinpraeoptans
Anastrepha suspensa
Asterolecanium epidendri
Callosobruchus maculatus
Coccus viridis
Crociosema plebeiana
Cylas formicarius elegantulus
Euscepes postfasciatus
Pachyzancla periusalis
Pectinophora gossypiella
Pheidole megacephala
Platynota rostrana
Prodenia eridania
Protopulvinaria pyriformis
Pseudoparlatoria ostreata
Ribua innoxia

CYPRUS:

Epidiaspis gennadii
Leucaspis pistaciae

DENMARK:

Sparteus villosus

DOMINICA:

Anastrepha mombinpraeoptans

DOMINICAN REPUBLIC:

Aceria gossypii
Anastrepha mombinpraeoptans
Brevipalpus phoenicis
Cylas formicarius elegantulus
Haplothrips gowdeyi
Mimosestes dominicanus
Pectinophora gossypiella
Pheidole megacephala
Tetranychus tumidus
Vinsonia stellifera

ECUADOR:

Lepidosaphes mimosarum (?)
Metamasius sericeus

EGYPT:

Bruchidius incarnatus
Callosobruchus maculatus
Ceratitis capitata
Dacus oleae
Gnorimoschema ocellatella
Hellula undalis
Lixus junci
Pectinophora gossypiella
Phytomyza rufipes

ENGLAND:

Aleyrodes azaleae
Allantus cinctus
Anuraphis tulipae
Brevipalpus oncidii
Ceutorhynchus pleurostigma
Coeliodes rubicundus
Deroceras reticulatum
Dialeurodes chittendeni (?)

Countries of Origin and Insects—Continued

ENGLAND—Continued

Lepidosaphes tuberculata
Liophloeus tessulatus
Myzus ascalonicus
Rhagoletis cerasi

ENIWETOK:

Parlatoria zizyphus

FIJI ISLANDS:

Melanacanthus ferrugineus
Pachybrachius nigriceps
Perkinsiella vitiensis
Rhabdoscelus obscurus
Spanogonicus albofasciatus

FINLAND:

Argyresthia conjugella

FORMOSA:

Callosobruchus maculatus
Parlatoria zizyphus

FRANCE:

Acrolepia assectella
Anuraphis tulipae
Apion carduorum
Aspidiotus palmarum
Bruchus brachialis
Bruchus ervi
Bruchus luteicornis
Bruchus rufipes
Coptophylla gymnaspiis
Epidiaspis piricola
Hellula undalis
Laspeyresia splendana
Leptidiella brevipennis
Parlatoria zizyphus
Penthaleus minor
Phyllotreta vittula
Phytomyza rufipes
Polychrosis botrana
Rhagoletis cerasi
Theba pisana

FRENCH EQUATORIAL AFRICA:

Cordylomera spinicornis

FRENCH WEST AFRICA:

Cordylomera spinicornis

GERMANY:

Acrolepia assectella
Agriotes obscurus
Apion craccae
Arge rosae
Athous niger
Baris lepidii
Bruchus luteicornis
Callosobruchus maculatus
Ceutorhynchus pleurostigma
Frankliniella intonsa
Glycyphagus domesticus
Phyllognathus silenus
Rhagoletis cerasi

GREECE:

Acanthoscelides spinipes
Bruchidius nanus
Bruchus brachialis
Bruchus lentis
Bruchus tristiculus
Bruchus tristis
Callosobruchus maculatus
Caryedon fuscus
Ceratitis capitata
Chrysomphalus pinnulifera
Cryptoblabes gnidiella
Dacus oleae
Hemimene juliana
Hypsopygia costalis
Laspeyresia splendana
Parlatoria oleae
Polychrosis botrana
Sesamia cretica
Sparteus villosus

GUAM:

Achatina fulica
Agonoxyena argaula
Aspidiotus destructor
Asterolecanium bambusae
Ceranium unicolor
Dacus dorsalis
Pseudococcus saipanensis
Tetranychus marianae

GUATEMALA:

Acanthoscelides obreptus
Agallia lingula
Anastrepha ludens
Anastrepha mombinpraeoptans
Aspidiotus diffinis
Aulacaspis tubercularis
Chrysomphalus scutiformis
Diorymerellus laevimargo
Protopulvinaria longivalvata
Vinsonia stellifera

HAITI:

Anastrepha mombinpraeoptans
Coccus viridis
Deroceras reticulatum
Haplothrips gowdeyi
Helix aspersa
Parlatoria zizyphus
Unaspis citri

HAWAII:

Adoretus sinicus
Amorbia emigratella
Antonina graminis
Asterolecanium pustulans
Bradybaena similis
Caryedon fuscus
Ceratitis capitata
Ceranium unicolor
Coccus viridis
Coptotermes formosanus
Cryptophlebia illepidia
Cryptotermes brevis
Dacus cucurbitae
Dacus dorsalis
Deroceras reticulatum
Diachus auratus
Diocalandra taitensis
Ereunetis flavistriata
Euscepes postfasciatus
Furcaspis biformis
Hyalopeplus pellucidus
Iridomyrmex humilis
Lampides boeticus
Lepidosaphes tokionis
Leucaspis cockerelli
Lyctus linearis
Maruca testulalis
Megacerus alternatus
Mimosestes sallaei
Morganella longispina
Nysius coenosulus
Nysius delectus
Oxydema fusiforme
Pachybrachius nigriceps
Pantomorus godmani
Parlatoria crotonis
Parlatoria pseudaspidiotus
Pectinophora gossypiella
Pheidole megacephala
Phenacaspis sandwicensis
Pinnaspis buxi
Plusia chalcites (?)
Polydesma umbricola
Pseudaonidia clavigera
Pterolophia alternans
Pulvinaria psidii
Sinoxylon conigerum
Siphanta acuta
Stator limbatus
Stator pruininus
Sternochetus mangiferae
Sybra alternans
Taeniothrips hawaiiensis
Trogosyloides aequale
Xylopsocus castanoptera
Xylothrips religiosus
Xystrocera globosa

HONDURAS:

Anastrepha mombinpraeoptans
Aspidiotus herculeanus
Moodna bisinuella

HUNGARY:

Dyspessa ulula
Pyrausta nubilalis

ICELAND:

Deroceras reticulatum

Countries of Origin and Insects—Continued

INDIA:

Aonidiella comperei
Brevipalpus australis
Brevipalpus phoenicis
Bruchidius angustifrons
Bruchidius caeruleus
Callosobruchus analis
Callosobruchus maculatus
Callosobruchus phaseoli
Callosobruchus theobromae
Caryedon fuscus
Coccus capparidis
Cylas formicarius, possibly *formicarius*
Lepidosaphes piperis
Lepidosaphes tokionis
Lyctus africanus
Lyctus brunneus
Maruca testulalis
Parlatoria cinerea
Parlatoria crypta
Parlatoria mytilaspiiformis
Pinnaspis buxi (?)
Platyedra vilella
Sinoxylon conigerum
Sternochetus mangiferae

IRAN:

Apion assimile
Aspidiotus zonatus
Bruchus tristis
Hypera postica
Nilotaspis halli

IRAQ:

Eurytoma onobrychidis

ISRAEL:

Ceratitis capitata
Oxycaenus hyalinipennis
Parlatoria cinerea

ITALY:

"*Acanthoscelides*" *spinipes*
Acrolepia assectella
Anuraphis schwartzi
Anuraphis tulipae
Apion carduorum
Brachycerus albidentatus
Brachycerus algerus
Bruchidius incarnatus
Bruchus ervi
Bruchus lentis
Bruchus rufipes
Bruchus signaticornis
Bruchus tristis
Callosobruchus maculatus
Ceratitis capitata
Cryptoblabes gnidiella
Curculio elephas
Dacus oleae
Dyspessa ulula
Gortyna flavago
Helix aspersa
Iridomyrmex humilis
Laspeyresia splendana
Lepidosaphes ficus
Parlatoria oleae
Parlatoria zizyphus
Polychrosis botrana (?)
Prays oleellus
Pseudococcus gahani
Pyrausta nubilalis
Rhagoletis cerasi
Sesamia cretica
Sibinia primita
Sparteus villosus
Sphaeroderma testaceum
Systole geniculata

JAMAICA:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Asterolecanium epidendri
Asterolecanium miliaris miliaris
Bradybaena similis†
Callosobruchus maculatus†
Chrysomphalus odonotoglossi
Dinoderus bifoveolatus
Fulvius brevicornis
Furcaspis bifornis
Leucaspis cockerelli

JAMAICA—Continued

Monomorium destructor
Palaeopus costicollis
Pseudococcus boninsis
Vinsonia stellifera

JAPAN:

Adoretus sinicus
Anomala cuprea
Aspidiotus degeneratus
Aspidiotus destructor
Brevipalpus inornatus
Callosobruchus analis
Callosobruchus maculatus
Carposina sasakii
Ceroplastes rubens
Chilo suppressalis
Dialeurodes citri
Dichocrocis punctiferalis
Dinoderus bifoveolatus
Frankliniella formosae
Gracilaria azaleella
Grapholitha molesta
Lepidosaphes newsteadi
Lepidosaphes pallida
Lepidosaphes tokionis
Lepidosaphes tuberculata
Lepidosaphes tubulorum (as defined by Kuwana)
Limax maximus
Maruca testulalis
Megastigmus cryptomeriae
Paratetranychus ununguis
Parlatoria zizyphus
Phloeosinus lewisi
"Poliaspis" pini
Pseudococcus pini
Ptochoryctis tsugensis
Pulvinaria horii
Pyrausta nubilalis
Sinoxylon anale
Stephanitis pyroides
Taeniothrips hawaiiensis
Thrips flavus
Unaspis yanonensis

KENYA:

Callosobruchus maculatus

LEBANON:

Bruchidius incarnatus
Bruchus dentipes
Bruchus ervi
Bruchus lentis
Ceratitis capitata (?)
Chrysomphalus inopinatus
Dacus oleae
Iridomyrmex humilis
Limax maximus

LIBERIA:

Bruchus dentipes

LIBYA:

Cryptoblabes gnidiella

MADEIRA ISLANDS:

Ceratitis capitata (?)

MEXICO:

Acalymma trivittata
Acanthoscelides obvelatus
Aleurocanthus woglumi
Alpheias conspirata
Amorbia emigratella
Anastrepha fraterculus
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata
Archimerus scutellaris
Aspidiotus candidulus
Aspidiotus diffinis
Automeris boucardi
Blissus leucopterus
Blissus leucopterus insularis
Brevipalpus phoenicis
Cacographis osteolalis
Callosobruchus maculatus
Capaneus tetricus
Caulophilus latinasus
Chalepus bellulus
Chalepus hornianus
Chalepus signaticollis

Countries of Origin and Insects—Continued

MEXICO—Continued

Chelysoma variabilis
Chrysomphalus albopictus
Chrysomphalus decorosus
Chrysomphalus nigropunctatus
Chrysomphalus personatus
Chrysomphalus sphaerioides
Chrysomphalus tenax
Chrysomphalus umboniferus
Conotrachelus aguacatae
Cosmopolites sordidus
Cylas formicarius elegantulus
Dactylopius coccus
Deloyala guttata
Dinaspis aculeata (?)
Diorymerellus laevi margo
Disonycha collata
Draeculacephala producta (?)
Epilachna varivestris
Epinotia opposita
Eutetranychus banksi
Exptochiomera confusa
Farinococcus guatemalensis (or a very closely related form)
Ferrisia virgata
Fulvius anthocorides
Furcaspis biformis
Gerstaeckeria mutillaria
Gnori moschema gudmannella
Heilipus lauri
Heterobostrychus aequalis
Heterotermes convexinotatus
Icerya montserratensis
Iridomyrmex iniquus
Isognathus rimosa inclitus
Lepidosaphes mimosarum
Lepidosaphes philococcus
Ligyrocoris abdominalis
Ligyrocoris aurivilliana
Mecotetartus antennatus
Megacerus leucosomus
Melalgus plicatus
Metamasius sericeus var. *carbonarius*
Monanthia monotropidia
Myodocha longicollis
Neoleucinodes elegantalis
Oedionychis pavoninus
Oedionychis stroguttata
Ogdoecosta biannularis
Ogdoecosta juvenca
Ogdoecosta mexicana
Ozophora consanguineus
Pachyzancla bipunctalis
Parlatoria cinerea
Parmenonta valida
Pectinophora gossypiella
Philaenus leucophthalmus
Physonota attenuata
Plagioderia semivittata
Plagioderia thymaloides
Platynota rostrana
Praeblissus albofasciatus
Prodenia eridania
Prodenia ornithogalli
Pseudacysta perseae
Pseudischnaspis alienus
Pseudodiaspis yuccae
Pseudoparlatoria punctata
Puto mexicanus
Rhagoletis juglandis (?)
Rhagoletis pomonella
Sixeonotus luteiceps
Spissistilus festinus
Stenoma catenifer
Stolas illustris
Talponia batesi
Talurus rugosus
Tapinaspis annulus
Tapinaspis wesmaeli
Tenthecoris bicolor
Tenthecoris confusus
Tephritis finalis
Tetraleurodes acaciae
Thecla ziba
Trochuda raspa

MEXICO—Continued

Unaspis citri
Xerococcus fouquieriae
Xerophilaspis prosopidis

MOROCCO:

Akis bacarozzo
Brevipalpus phoenicis
Ceroplastes sinensis
Dyspessa ulula
Porthetria dispar
Theba pisana

MOZAMBIQUE:

Asterolecanium bambusae

NETHERLANDS:

Acrolepia assectella
Acronicta rumicis
Adoxophyes orana
Agriotes obscurus
Anuraphis tulipae
Athous hirtus
Dendrothrips ornatus
Dialeurodes chittendeni
Eriophyes canestrinii
Evergestis forficalis
Glycyphagus domesticus
Gracilaria azaleella
Hypera rumicis
Limax marginatus
Liocoris tripustulatus
Liosomaphis berberidis
Myzus ascalonicus
Pyemotes ventricosus
Rhagoletis cerasi (?)
Sitona lineata
Thrips flavus
Thrips major
Tyrophagus infestans

NETHERLANDS GUIANA:

Maruca testulalis

NEWFOUNDLAND

Arctothezia cataphracta

NEW GUINEA:

Phaidole megacephala

NEW ZEALAND:

Nysius huttoni

NICARAGUA:

Aeolus pictus
Anastrepha mombinpraeoptans
Anastrepha serpentina (?)
Asterolecanium degeneratum
Leucaspis cockerelli

NIGERIA:

Callosobruchus maculatus
Cylas puncticollis
Sesamia vutera

NORTHERN IRELAND:

Deroceras reticulatum

PAKISTAN:

Bruchidius angustifrons
Callosobruchus maculatus
Callosobruchus phaseoli
Cerococcus ornatus (?)
Sinoxylon anale

PANAMA:

Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Aspidiotus destructor
Cephalodonta callosa
Chrysomphalus umboniferus
Epinotia opposita
Eucalymnatus tessellatus
Furcaspis biformis
Galgupha punctifer
Heterotermes convexinotatus
Laspeyresia leguminis
Leucaspis cockerelli
Metamasius sericeus
Protopulvinaria pyriformis
Stenoma catenifer
Vinsonia stellifera

PERU:

Anastrepha fraterculus
Bemisia inconspicua
Epinotia opposita

Countries of Origin and Insects—Continued

PHILIPPINES:

Aspidiotus destructor
Callosobruchus maculatus
Callosobruchus phaseoli
Ceroplastes rubens
Chrysomphalus tingi
Cryptophlebia ombrodella
Dacus dorsalis (?)
Ferrisia virgata
Nephotettix apicalis
Parlatoria pseudaspidiotus
Parlatoria zizyphus
Pseudococcus lilacinus
Unaspis yanonensis

PHILIPPINES: (?)

Pachybrachius nietneri

POLAND:

Baris lepidii

PORTUGAL:

Aglossa cuprealis
Bruchidius caninus
Bruchus azoricus
Bruchus rufipes
Callosobruchus maculatus
Ceratitis capitata
Cryptoblabes gnidiella
Glycyphagus domesticus
Iridomyrmex humilis
Parlatoria camelliae
Rhagoletis cerasi

PUERTO RICO:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Coccus viridis
Fundella pelluscens
Maruca testulalis
Pectinophora gossypiella
Pheidole megacephala
Sphenarches caffer

RHODESIA:

Caryopemon cruciger
Chrysogramma octomaculata
Myzus anselliae (?)
Oxycarenus albidipennis

ST. JOHN:

Augochlora cyaneoviridis

ST. KITTS:

Ancylostomia stercorea
Asterolecanium miliaris robustum

ST. THOMAS:

Furcaspis biformis

ST. VINCENT:

Pectinophora gossypiella

SALVADOR:

Anastrepha mombinpraeoptans
Aulacaspis tubercularis
Protopulvinaria longivalvata

SCOTLAND:

Hallodapus rufescens (?)
Micrelus ericae
Phytomyza rufipes
Taeniothrips vulgarissimus
Thrips flavus

SENEGAL:

Hellula undalis

SIERRA LEONE:

Hellula undalis

SOUTH AMERICA:

Anastrepha serpentina

SPAIN:

Brachycerus algirus
Brevipalpus australis
Bruchus luteicornis
Ceratitis capitata
Chilo suppressalis
Coccus viridis
Cryptoblabes gnidiella
Deroceras reticulatum
Parlatoria zizyphus
Polychrosis botrana
Rhagoletis cerasi

SWAN ISLAND:

Coccus viridis
Protopulvinaria pyrifomis

SWEDEN:

Agriotes obscurus
Athous hirtus
Frankliniella tenuicornis
Oedemera annulata
Trapezonotus arenarius

SWITZERLAND:

Gelechia ericetella
Rhagoletis cerasi (?)

SYRIA:

Bruchidius halodendri
Bruchus ervi

THAILAND:

Parlatoria zizyphus

TOBAGO:

Bephrata maculicollis
Cerconota anonella

TORTOLA:

Ancylostomia stercorea
Eucalymnatus tessellatus
Euscepes postfasciatus
"Leucaspis" indica
Vinsonia stellifera

TRIESTE:

Phalonia zephyrana

TRINIDAD:

Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Asterolecanium epidendri
Canthon triangularis
Cerconota anonella
Furcaspis biformis
Leucaspis cockerelli
Parlatoria cinerea
Pheidole megacephala
Platynota rostrana
Protopulvinaria longivalvata
Pseudaonidia trilobitiformis
Tenuipalpus pacificus
Unaspis citri
Vinsonia stellifera

TURKEY:

Brachyplax palliata
Bruchidius gilvus
Bruchus rufipes
Bruchus tristis
Bruchus ulicis
Callosobruchus maculatus

UNION OF SOUTH AFRICA:

Aegaleus bicinctus
Blissus diplopterus
Ceratitis capitata
Diploxys capensis
Eysarcoris inconspicuus
Frankliniella schultzei
Iridomyrmex humilis
Oxycarenus albidipennis
Paromius gracilis
Phlyctinus callosus
Pulvinaria mesembryanthemi

UNKNOWN:

Algarobius prosopis
Anastrepha ludens
Heterobostrychus aequalis
Monomorium destructor
Pachybrachius nietneri

VENEZUELA:

Aulacaspis tubercularis
Cylas formicarius elegantulus
Epinotia opposita
Eurytoma orchidearum
Iridomyrmex iniquus
Mocis repanda
Pseudischinaspis alienus
Sennius alticola
Stenoma catenifer
Tenthecoris venezuelensis

VIRGIN CORDA:

Ancylostomia stercorea

VIRGIN ISLANDS:

Callosobruchus maculatus
Monomorium destructor

Countries of Origin and Insects—Continued

WAKE:

Aonidiella inornata

WALES:

Deroceras reticulatum

WEST AFRICA:

Olethreutes leucotreta

YUGOSLAVIA:

*Agriotes obscurus**Baris lepidii**Bruchus tristis**Curculio elephas**Laspeyresia splendana**Pyrausta nubilalis*

Pests (diseases) collected and reported from July 1, 1953, through June 30, 1954

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Achorella attaleae</i> F. L. Stevens: Palm	Mexico		1		Tex.
† <i>Acrobeloides butschlii</i> (De Man) Steiner & Buhrer: <i>Hyacinthus</i> sp.	France			1	N. Y.
<i>Aphelenchoides subtenuis</i> Cobb: <i>Narcissus</i> sp.	France, Italy			4	N. Y.
<i>Aphelenchus avenae</i> Bastian: <i>Hyacinthus</i> sp.	France			1	N. Y.
<i>Aschersonia goldiana</i> Sacc. & Ell.: <i>Chamaedorea oblongata</i>	Mexico	1			Tex.
<i>Aschersonia turbinata</i> Berk.: <i>Chamaedorea</i> sp.	do	1			Tex.
<i>Ascochyta citri</i> Penz.: <i>Citrus paradisi</i> (grapefruit)	Brazil		1		Tex.
<i>Citrus sinensis</i> (orange)	Union of South Africa		1		Md.
<i>Ascochyta scabiosa</i> Fekl.: <i>Scabiosa caucasica</i> var.	Netherlands			1	N. J.
<i>Asperisporium caricae</i> (Speg.) Maubl.: <i>Carica papaya</i> (papaya)	Cuba		1		Pa.
<i>Botryosphaeria ribis</i> Gross. & Dug.: Bromeliad	Mexico			1	Ariz.
<i>Cercospora angolensis</i> Carvalho & Mendes (?): <i>Citrus sinensis</i> (?) (orange)	Angola	1			Calif.*
<i>Citrus</i> sp.	do	1			Calif.*
<i>Cercospora angraeci</i> Fueill. & Roum.: <i>Cattleya skinneri</i> (orchid)	Mexico			1	Tex.
† <i>Cercospora apii</i> Fres.: <i>Apium graveolens</i> (celery)	Uruguay		1		Pa.
<i>Cercospora cypripedii</i> Ell. & Dearn.: <i>Lycaste</i> sp. (?) (orchid)	Colombia			1	Fla.
<i>Cercospora handelii</i> Bub.: <i>Rhododendron catawbiense</i>	Netherlands			1	N. J.
<i>Cercospora insulana</i> Sacc.: <i>Armeria</i> sp. (thrift)	Mexico	1			Tex.
<i>Cercospora mangiferae</i> Koord.: <i>Mangifera indica</i> (mango)	do	1			Tex.
<i>Cercospora musae</i> Zimm.: <i>Musa paradisiaca sapientum</i> (banana)	Colombia, Mexico	3	1		Calif.*, Tex.
<i>Cercospora myrticola</i> Speg.: <i>Myrtus communis</i> (myrtle)	Greece		1		Mass.
† <i>Cercospora personata</i> (Berk. & Curt.) Ell. & Ev.: <i>Arachis hypogaea</i> (peanut)	Dominican Republic			1	P. R.
<i>Cercospora purpurea</i> Cke.: <i>Persea americana</i> (avocado)	Venezuela	1			P. R.
† <i>Cercospora rosicola</i> Pass.: <i>Rosa</i> sp. (rose)	Salvador	1	1		Calif.*
<i>Cerebella andropogonis</i> Ces.: <i>Panicum purpurascens</i>	Puerto Rico			1	D. C.
<i>Paspalum dilatatum</i> (Dallas grass)	Australia	1		2	N. Y., Pa.
<i>Chrysomyxa rhododendri</i> (DC.) d By.: <i>Rhododendron ferrugineum</i> (rock rhododendron)	Austria, Switzerland	17	1	2	N. J., N. Y.
<i>Rhododendron indicum</i> (indica azalea)	Japan			1	Wash.
<i>Rhododendron</i> sp.	Austria			1	N. J.
<i>Cladosporium orchidearum</i> Cke. & Mass.: <i>Oncidium</i> sp. (orchid)	Mexico			1	Tex.
<i>Cladosporium oryzae</i> Sacc. & Syd.: <i>Oryza sativa</i> (rice)	India	1			Wash.
<i>Clonostachys araucaria</i> Cda. var. <i>rosea</i> Preuss: <i>Solanum tuberosum</i> (potato)	Azores		1		N. Y.
† <i>Coccomyces hiemalis</i> Higgins: <i>Prunus</i> sp. (cherry)	Canada			1	N. Y.
<i>Coleosporium bletiae</i> Diet.: <i>Phajus wallichii</i> (orchid)	India			2	N. J.
† <i>Coleosporium campanulae</i> (Pers.) Lev.: <i>Campanula rotundifolia</i> (bluebell)	Norway			1	N. Y.
<i>Colletotrichum arecae</i> Syd.: <i>Areca cathecu</i> (betel palm)	Guam	4			Tex.
† <i>Colletotrichum cinctum</i> (Berk. & Curt.) Ston.: <i>Zygopetalum</i> sp. (orchid)	Brazil			1	N. J.
<i>Colletotrichum graminicola</i> (Ces.) G. W. Wils.: <i>Anthoschmidtia bulbosa</i>	Union of South Africa			1	D. C.

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Colletotrichum lilacearum</i> Ferr.:					
<i>Ornithogalum</i> sp.	Union of South Africa			1	N. Y.
† <i>Colletotrichum orchidearum</i> Allesch.:					
<i>Cymbidium</i> sp. (orchid)	Netherlands	1			N. Y.
<i>Colletotrichum philodendri</i> P. Henn.:					
<i>Philodendron</i> sp.	Mexico			1	Ariz.
<i>Colletotrichum piperis</i> Petch:					
<i>Piper nigrum</i> (black pepper)	India			1	D. C.
<i>Coniothyrium cytisellum</i> (Pass. & Thuem.) Sacc.:					
<i>Laburnum watereri</i> (waterer laburnum)	Netherlands			25	N. Y.
<i>Coryneum microstictum</i> Berk. & Br.:					
<i>Cornus alba sibirica</i>	England			1	N. J.
<i>Cryptospora longispora</i> Servazzi:					
<i>Araucaria excelsa</i> (Norfolk-Island-pine)	Australia, Norfolk Island.			12	Calif.*, Fla., N. J.
<i>Curvularia lunata</i> (Wakk.) Boed.:					
<i>Ananas</i> sp.	Colombia			1	Hawaii.
<i>Capsicum frutescens</i> (pepper)	do		1		Tex.
<i>Sorghum vulgare</i> (sorghum)	India			1	D. C.
† <i>Cylindrosporium pomi</i> C. Brooks:					
<i>Malus sylvestris</i> (apple)	Italy		1		Pa.
<i>Cytospora ambiens</i> Sacc.:					
<i>Salix</i> sp. (willow)	do	1			Pa.
<i>Ulmus</i> sp. (elm)	Canada	1			N. Y.
<i>Cytospora mali</i> Grove:					
<i>Malus</i> sp.	England			1	Calif.*
<i>Cytospora palmarum</i> Cke. (?):					
<i>Cocos nucifera</i> (coconut)	South Pacific	1			Calif.*
<i>Dasysecypha virginea</i> (Batsch.) Fekl.:					
<i>Rhododendron</i> sp.	Netherlands			1	N. J.
<i>Dendryphium cladosporioides</i> Ell. & Ev.:					
<i>Pueraria lobata</i> (kudzu-bean)	China	1			Calif.*
<i>Didymium xanthopus</i> Fr.:					
<i>Musa paradisiaca sapientum</i> (banana)	Mexico			1	Tex.
<i>Diplodia ananassae</i> Sacc.:					
<i>Ananas comosus</i> (pineapple)	Dominican Republic			2	P. R.
<i>Diplodia epicoccos</i> Cke.:					
<i>Cocos nucifera</i> (coconut)	Guam, Philippines		2		Hawaii, Pa.
‡ <i>Diplodia salicina</i> Lev.:					
<i>Salix</i> sp. (willow)	Italy	1			Pa.
<i>Diplodina eurhododendri</i> Voss:					
<i>Rhododendron catawbiense</i>	Netherlands			1	N. J.
<i>Diplodina grossulariae</i> Sacc. & Briard:					
<i>Ribes</i> sp. (currant)	Canada			1	N. Y.
<i>Diplodina rostrupii</i> Vest.:					
<i>Leucothoe catesbaei</i>	Netherlands			1	N. J.
<i>Ditylenchus hyacinthi</i> (Prillieux):					
<i>Narcissus</i> sp.	France			1	N. Y.
‡ <i>Doassansia sagittariae</i> (West.) Fisch. v. Waldh.:					
<i>Sagittaria</i> sp.	Mexico	1			Tex.
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus aurantifolia</i> (sour lime)	Brazil		2		Calif., La.
<i>Citrus aurantium</i> (sour orange)	do		1		Tex.
<i>Citrus limon</i> (lemon)	Argentina, Brazil	1	15		Ala., Calif.*, La., N. Y., Pa., P. R., Tex.
<i>Citrus paradisi</i> (grapefruit)	Paraguay		1		N. Y.
<i>Citrus reticulata</i> (Mandarin orange)	Argentina		1		Pa.
<i>Citrus sinensis</i> (orange)	Argentina, Brazil, Uruguay.		40		Calif.*, La., Md., Mass., N. Y., Pa., Tex.
<i>Citrus</i> sp. (orange)	Brazil	1			Ala.
<i>Elsinoe phaseoli</i> Jenkins:					
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Puerto Rico	3			P. R.
<i>Entyloma brizae</i> Unamuno & Cif.:					
<i>Briza</i> sp.	Azores	1			Mass.
<i>Entyloma camusianum</i> P. Har.:					
<i>Phleum</i> sp.	Afghanistan			1	D. C.

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<i>Epicoccum cocos</i> F. L. Stevens:					
<i>Cocos nucifera</i> (coconut)	Guam			1	Hawaii.
Basket—woven	Ceylon	1			Hawaii.
<i>Epidochium oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice)	India	1			Md.
<i>Eutypella stellulata</i> (Fr.) Sacc.:					
<i>Morus</i> sp. (mulberry)	Bahamas			2	Tex.
† <i>Fabraea maculata</i> Atk.:					
<i>Crataegus</i> sp.	Canada			1	N. Y.
<i>Fusariella obstipa</i> (F. Pollack) Hughes:					
<i>Zingiber officinale</i> (ginger)	China	1			Calif.*
<i>Fusarium orthoceras</i> App. & Wr.:					
<i>Prunus persica</i> (peach)	Japan		1		Wash.
† <i>Fusarium poae</i> (Pk.) Wr.:					
<i>Dianthus</i> sp (carnation)	Costa Rica		1		Fla.*
<i>Fusicladium depressum</i> (Berk. & Br.) Sacc.:					
<i>Foeniculum vulgare</i> (fennel)	Italy		1		Pa.
† <i>Fusicladium eriobotryae</i> (Cav.) Sacc.:					
<i>Eriobotrya japonica</i> (loquat)	Azores	2			Mass.
<i>Gloeosporium catechu</i> Syd.:					
<i>Areca cathecu</i> (betel palm)	Guam	1			Tex.
† <i>Gloeosporium elasticum</i> (Thuem.) Cke. & Mass.:					
<i>Ficus elastica</i> (Indian rubber tree)	Belgium			1	N. J.
<i>Gloeosporium mangiferae</i> Del.:					
<i>Mangifera indica</i> (mango)	Martinique	1			St. Thomas & St. John.
† <i>Gloeosporium piperatum</i> Ell. & Ev.:					
<i>Capsicum frutescens</i> (pepper)	Australia		1		Hawaii.
<i>Gloeosporium rhododendri</i> Briosi & Cav.:					
<i>Rhododendron</i> sp.	England			1	N. J.
† <i>Graphium rigidum</i> (Pers.) Sacc.:					
<i>Quercus variabilis</i> (oriental oak)	Japan			1	Calif.*
<i>Guignardia traversi</i> (Cav.) Lind.:					
<i>Stanhopea</i> sp. (orchid)	Mexico			1	Tex.
<i>Gymnosporangium juniperinum</i> Fr.:					
<i>Juniperus communis</i> (juniper)	Sweden			1	N. Y.
<i>Helminthosporium carposaprum</i> F. Pollack:					
<i>Lycopersicon esculentum</i> (tomato)	Panama		1		Pa.
† <i>Helminthosporium oryzae</i> B. de Haan:					
<i>Oryza sativa</i> (rice)	Formosa			1	D. C.
<i>Heterodera avenae</i> Eidam:					
Soil with amaryllis plants	Netherlands			1	N. Y.
Soil with apple scions	Italy			1	N. Y.
Soil with bagging	Netherlands, Scotland	2			N. Y.
Soil with beets	Netherlands		1		Va.
Soil with fig trees	Italy			2	N. Y.
Soil with garlic	Italy, Spain	2			N. Y.
Soil with grass	Canada			1	N. J.
Soil with holly seedlings	Ireland			1	N. Y.
Soil with horseradish	Denmark, Germany	6		1	N. Y.
Soil with lily-of-the-valley pips	do			2	N. Y.
Soil with unidentified plants	England, Italy	1		2	N. Y.
Soil with potatoes	England, Mexico (?)		2		Tex.
Soil with roses	Germany			3	N. J.
Soil with sedum plants	Netherlands			1	N. Y.
Soil with spruce trees	Sweden			1	N. Y.
Soil with taro roots	Japan		2		N. Y.
<i>Heterodera cacti</i> Filip. & Schuur. Stek.:					
Soil	Mexico	2			Tex.
Soil with agave plant	do			1	Tex.
Soil with amaryllis bulbs	do			1	Tex.
Soil with begonia plant	do			1	Tex.
Soil in box car	do		1		Tex.
Soil with bulbs	do			1	Tex.
Soil with cactus plants	Argentina, France, Italy, Japan, Mexico, Switzerland	1		35	Ariz., Calif.*, N. J., N. Y., Tex.
Soil with cactus, agave, and palm plants	Israel			1	N. Y.
Soil with carnation plant	Mexico			1	Tex.
Soil with garlic	do	2			Tex.
Soil with medicinal root	do	1			Tex.
Soil with philodendron plant	do			1	Tex.

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		Consumption	Nonentry	Propagation	
<i>Heterodera cacti</i> —Continued					
Soil with unidentified plants	Mexico			8	N. Y., Tex.
Soil with potatoes	do	1	11		Ariz., Tex.
Soil with roses	do			1	Tex.
Soil with sansevieria, begonia, and <i>Syngonium</i> sp. plants.	France			1	N. Y.
<i>Heterodera punctata</i> Thorne:					
Soil	Norway			1	N. Y.
Soil with asparagus fern	England			1	N. Y.
Soil with bagging	Scotland	1			Va.
Soil with miniature cactus garden	Mexico	1			Tex.
Soil with clematis and daisy plants	England			1	N. Y.
Soil with compost with <i>Cymbidium</i> sp.	do			1	N. J.
Soil with <i>Cymbidium</i> sp. plants	do			6	N. J.
Soil with dahlia tubers	England, France			2	N. Y.
Soil with heather	Scotland			1	N. Y.
Soil with horseradish	Denmark, Germany	15			N. Y.
Soil with ivy plants	Norway			1	N. Y.
Soil with lilac plants	Ireland	1			N. Y.
Soil with lily-of-the-valley plants	Germany			1	N. Y.
Soil with onions	Netherlands	1			N. Y.
Soil with pepper plants	England			1	N. Y.
Soil with pink plants	do			1	N. Y.
Soil with unidentified plants	England, Ireland, Poland, Wales.			4	N. Y.
Soil with potatoes	Chile		1		N. Y.
Soil with primrose plants	England			2	N. Y.
Soil with primrose and acanthus plants	do			1	N. Y.
Soil with rose plants	Germany, Ireland			2	N. J., N. Y.
Soil with rose and geranium plants	England			1	N. Y.
Soil with rose, holly, and box plants	do			1	N. Y.
Soil with squill bulbs	Wales			1	N. J.
Soil with shamrock plants	Ireland			2	Mass., N. Y.
Soil with spruce trees	Norway			1	N. Y.
Soil with strawberry plants	Belgium			1	N. Y.
Soil with tulips and ferns	England		1		Pa.
<i>Heterodera rostochiensis</i> Wr.:					
Soil	do	1			N. Y.
Soil with asparagus fern	do			1	N. Y.
Soil with azalea plants	Germany			1	N. Y.
Soil with bagging	England, Scotland	22			Calif.,* Md., N. Y., Va.
Soil with begonia plants	Scotland	1			N. Y.
Soil with bellflower plants	England			1	N. Y.
Soil with castor bean seedlings	Ireland			1	N. Y.
Soil with chrysanthemum cuttings	England			1	N. Y.
Soil with currant plants	Germany			1	N. Y.
Soil with fir trees	do		1		Pa.
Soil with fritillary bulbs	England			1	N. Y.
Soil with garlic	Peru	1			N. Y.
Soil with geranium plants	Mexico			2	Tex.
Soil with grape-hyacinth, crocus, and galanthus bulbs.	England			1	N. J.
Soil with clumps of grass	Denmark			1	N. Y.
Soil with heather plants	Scotland			2	N. Y.
Soil with horseradish	Denmark, Germany, Poland.	20		1	N. J., N. Y.
Soil with hyacinth bulbs	England			1	N. Y.
Soil with ivy plants	Scotland			1	N. Y.
Soil with lilac plants	Ireland	1			N. Y.
Soil with lily-of-the-valley pips	Germany			2	N. Y.
Soil with unidentified plants	England, Germany, Mexico.			7	Ill., N. Y., Tex.
Soil with potatoes	Argentina, England, Ireland, Mexico, Peru, unknown.	1	10	1	Calif.,* La., N. Y., Pa., Tex.
Soil with primrose, chrysanthemum and gailardia plants.	Germany			1	N. Y.
Soil with succulent plants and black narcissus bulbs.	Mexico			1	Tex.
Soil with privet and lily plants	England			1	N. Y.

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<i>Heterodera rostochienis</i> Wr—Continued					
Soil with sedum plants	England			1	N. Y.
Soil with shamrocks	Northern Ireland			1	N. Y.
Soil with squill bulbs	England			1	N. Y.
Soil with strawberry plants	Germany			1	N. Y.
Soil with thyme plants	Belgium			1	N. Y.
Soil on used truck	Netherlands	1			N. Y.
Soil with tulips and ferns	England		1		Pa.
† <i>Heterosporium echinulatum</i> (Berk.) Cke.:					
<i>Dianthus</i> sp. (carnation)	Salvador	1	1		Calif.*, La.
† <i>Heterosporium iridis</i> (Fautr. & Roum.) Jacques:					
<i>Iris germanica</i> (German iris)	Australia			1	Calif.*
† <i>Isariopsis clavispora</i> (Berk. & Curt.) Sacc.:					
<i>Vitis</i> sp. (grape)	Brazil		2		Tex.
<i>Kuehneola japonica</i> Diet.:					
<i>Rosa</i> sp.	Japan	1			Hawaii.
<i>Leptosphaeria rusci</i> (Wallr.) Sacc.:					
<i>Ruscus</i> sp.	Hashemite Kingdom of the Jordan, Italy.	8			N. Y., Pa.
<i>Macrophoma araucariae</i> Del.:					
<i>Araucaria cunninghamii</i>	Australia			1	Calif.*
<i>Araucaria excelsa</i> (Norfolk-Island-pine)	Norfolk Island			1	Calif.*
† <i>Macrophoma musae</i> (Cke.) Berl. & Vogl.:					
<i>Musa paradisiaca sapientum</i> (banana)	Ceylon	1			N. Y.
<i>Macrophoma opunticola</i> (Speg.) Sacc. & Syd.:					
<i>Notocactus</i> spp.	Argentina			1	Calif.*
<i>Opuntia</i> sp. (cactus)	Mexico			1	Tex.
<i>Macrophomina phaseolina</i> (Tassi) Goid.:					
<i>Acidanthera bicolor</i>	Union of South Africa			1	Calif.*
<i>Gladiolus</i> sp.	Japan			2	Calif.*
<i>Ipomoea batatas</i> (sweetpotato)	Mexico	1			Tex.
<i>Marssonina rosae</i> (Lib.) Lind.:					
<i>Rosa</i> sp.	South America			1	P. R.
<i>Meliola citricola</i> Syd.:					
<i>Citrus limon</i> (lemon)	Egypt		1		Calif.*
<i>Meloidogyne arenaria</i> (Neal) Chitwood:					
<i>Pachyrhizus tuberosus</i> (West Indies yambean)	Mexico	1			Tex.
<i>Meloidogyne arenaria</i> (Neal) Chitwood (?):					
Soil in railway car of potatoes	do		1		Tex.
<i>Meloidogyne hapla</i> Chitwood:					
<i>Dahlia</i> sp.	Japan			1	Wash.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood:					
<i>Chrysanthemum</i> sp.	do			2	Calif.,* Fla.
<i>Memnoniella echinata</i> (Riv.) L. D. Gall.:					
<i>Cymbidium giganteum</i> (orchid)	India			1	Calif.*
Grass—unidentified	China	1			Calif.*
<i>Oryza sativa</i> (rice)	Japan		1		Mass.
<i>Zingiber officinale</i> (ginger)	Tahaiti	2			Calif.*
† <i>Monilinia fruticicola</i> (Wint.) Honey:					
<i>Malus sylvestris</i> (apple)	New Zealand	1			N. Y.
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Malus sylvestris</i> (apple)	England		1		Pa.
† <i>Mycosphaerella fragariae</i> (Tul.) Lindau:					
<i>Fragaria</i> sp. (strawberry)	Dominican Republic			1	P. R.
<i>Mycosphaerella hondai</i> Miyake:					
<i>Oryza sativa</i> (rice)	Japan	1			Calif.*
† <i>Mycosphaerella rosigena</i> (Ell. & Ev.) Lindau:					
<i>Rosa</i> sp.	Venezuela	1			P. R.
<i>Mycosphaerella schoenoprasii</i> (Rabenh.) Schroet.:					
<i>Allium fistulosum</i> (Welsh onion)	Japan		18		Pa.
<i>Allium porrum</i> (leek)	do		1		Pa.
<i>Myiocopron orchidearum</i> (Mont.) Sacc.:					
Orchid	Mexico			1	Ariz.
<i>Nigrospora oryzae</i> (Berk. & Br.) Petch:					
<i>Oryza sativa</i> (rice)	India	1			Ill.
<i>Omphalia flavida</i> (Cke.) Maubl. & Rangel.:					
<i>Gardenia augusta</i> (gardenia)	Mexico	2	1		Tex.
<i>Oospora microcarpa</i> Schultz & Sacc.:					
<i>Chamaecyparis</i> sp.	Netherlands			1	N. J.
<i>Ophiostoma narcissi</i> Limber:					
<i>Narcissus</i> sp.	England, Netherlands, Northern Ireland.			5	N. J.

See footnotes at end of table.

Pests (diseases) collected and reported from July 1, 1953, through June 30, 1954—Con.

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Papularia vinosa</i> (Berk. & Curt.) Mason:					
<i>Saccharum officinarum</i> (sugarcane)	Hawaii.....	1	---	---	Hawaii.
<i>Pestalotia conspicua</i> Servazzi:					
<i>Cymbidium</i> "Gossoon var. Dorothy" (orchid)	Australia.....	---	---	1	Hawaii.
<i>Dendrobium musciferum</i> (orchid)	New Guinea.....	---	---	2	Hawaii.
<i>Epidendrum fragrans</i> (orchid)	Trinidad.....	---	---	1	Hawaii.
<i>Pestalotia funerea</i> Desm.:					
<i>Cedrus</i> sp. (cedar)	Canada.....	1	---	---	N. Y.
† <i>Pestalotia micheneri</i> Guba:					
<i>Araucaria cunninghami</i>	Australia, China.....	---	---	2	Calif.*, Fla.
<i>Araucaria excelsa</i> (Norfolk-Island-pine)	Norfolk Island.....	---	---	1	Fla.
<i>Pestalotia psidii</i> Pat.:					
<i>Psidium guajava</i> (guava)	Mexico.....	2	---	---	Tex.
<i>Pestalotia rhododendri</i> (D. Sacc.) Guba:					
<i>Rhododendron indicum</i>	Belgium.....	---	---	1	N. J.
<i>Phoma araucariae</i> Trav.:					
<i>Araucaria excelsa</i> (Norfolk-Island-pine)	Australia.....	---	---	1	Calif.*
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus limon</i> (lemon)	Australia, Fiji Islands, New Zealand.....	---	7	---	Calif.*, Ha- wail, Mass., Tex.
<i>Citrus paradisi</i> (grapefruit)	Australia.....	---	1	---	Mass.
<i>Citrus reticulata</i> (Mandarin orange)	China, Formosa, Japan.....	28	1	---	Alaska, Calif.*, Mass., N. Y., Pa., Tex., Wash.
<i>Citrus sinensis</i> (orange)	Australia, China, Japan, Mozambique, Union of South Africa, un- known.....	13	19	---	Calif.*, D. C., Md., Mass., N. Y., Pa., Tex.
<i>Citrus</i> sp. (orange)	China.....	2	---	---	Oreg.
<i>Citrus</i> sp.....	China, Hawaii, Japan.....	7	---	---	Hawaii, Ill., Tex.
<i>Phoma insidiosa</i> Tassi:					
<i>Sorghum vulgare</i> (sorghum)	Anglo-Egyptian Sudan.....	---	---	1	D. C.
† <i>Phoma lingam</i> (Tode) Desm. f. <i>napobrassicae</i> Rostr.:					
<i>Brassica napobrassica</i> (rutabaga)	New Zealand.....	---	1	---	Pa.
<i>Phoma psidii</i> P. Henn.:					
<i>Psidium guajava</i> (guava)	Mexico.....	3	---	---	Tex.
<i>Phoma sabdariffae</i> Sacc.:					
<i>Hibiscus cannabinus</i> (kenaf hibiscus)	Cuba.....	1	---	---	Pa.
† <i>Phoma subcircinata</i> Ell. & Ev.:					
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Puerto Rico.....	1	---	---	P. R.
<i>Phomopsis cocoas</i> Petch:					
<i>Cocos nucifera</i> (coconut) (?)	Guam.....	1	---	---	Calif.*
† <i>Phomopsis cryptica</i> (Sacc.) Hoehn.:					
<i>Lonicera</i> sp.....	France.....	---	---	1	Pa.
<i>Phomopsis gloriosa</i> (Sacc.) Trav.:					
<i>Agave</i> sp.....	Mexico.....	---	---	1	Ariz.
<i>Phomopsis palmicola</i> (Wint.) Sacc.:					
<i>Aiphanes</i> sp. (palm)	Canal Zone.....	---	---	1	Wash.
<i>Areca cathecu</i> (betel palm)	Guam.....	1	---	---	Tex.
† <i>Phragmidium disciflorum</i> (Tode) James (?):					
<i>Rosa</i> sp.....	Guatemala.....	---	---	1	Calif.*
† <i>Phyllachora canafistulae</i> F. L. Stevens & Dalbey:					
<i>Cassia fistula</i> (golden-shower)	Canal Zone.....	---	---	1	Fla.
<i>Cassia grandis</i> (pink-shower)	do.....	---	---	1	Fla.
<i>Phyllachora cynodontis</i> (Sacc.) Niessl:					
<i>Cynodon dactylon</i> (Bermuda grass)	Spain.....	1	---	---	P. R.
† <i>Phyllachora graminis</i> (Pers.) Fekl.:					
Leaves and glumes—unidentified.....	India.....	---	---	1	D. C.
<i>Phyllachora orbicula</i> Rehm.:					
Bamboo.....	China.....	1	---	---	N. Y.
<i>Phyllachora philodendronis</i> Pat.:					
<i>Philodendron hoffmanni</i>	Costa Rica.....	---	---	1	Hawaii.
† <i>Phyllosticta draconis</i> Berk.:					
<i>Dracaena fragrans</i> (?)	Brazil.....	---	1	---	Pa.

See footnotes at end of table.

Pests (diseases) collected and reported from July 1, 1953, through June 30, 1954—Con.

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Phyllosticta hedericola</i> Dur. & Mont.: <i>Fatsyhedera</i> sp.	Belgium			1	N. J.
† <i>Phyllosticta kalmicola</i> (Schw.) Ell. & Ev.: <i>Kalmia latifolia</i> (mountain-laurel)	England		2		Mass.
† <i>Phyllosticta laeliae</i> Keissl.: <i>Dendrobium infundibulum</i> (orchid)	Ceylon			1	Hawaii.
<i>Epidendrum fragrans</i> (orchid)	Trinidad			1	Hawaii.
<i>Phyllosticta micrococcoides</i> Penz. (?): <i>Citrus limon</i> (lemon)	Thailand	1			Hawaii.
<i>Phyllosticta ruscicola</i> Dur. & Mont.: <i>Ruscus</i> sp.	Italy	2			La., Pa.
† <i>Physalospora obtusa</i> (Schw.) Cke.: <i>Vitis</i> sp. (grape)	Yugoslavia			1	Calif.*
† <i>Physopella vitis</i> (Thuem.) Arth.: <i>Vitis caribaea</i>	Puerto Rico	1			Pa.
† <i>Piricularia oryzae</i> Cav.: <i>Oryza sativa</i> (rice)	India	2			Ill.
<i>Pleospora gigantea</i> (Mont.) Sacc.: <i>Agave</i> sp.	Mexico			1	Tex.
† <i>Puccinia absinthii</i> (Hedw.) DC.: <i>Artemisia dranunculus</i> (tarragon)	Italy	1			N. Y.
† <i>Puccinia arachidis</i> Speg.: <i>Arachis hypogaea</i> (peanut)	Dominican Republic			2	P. R.
<i>Puccinia belamcandae</i> (P. Henn.) Diet.: <i>Belamcanda</i> sp.	India			1	N. J.
<i>Puccinia chrysanthemi</i> Roze: <i>Chrysanthemum morifolium</i> (chrysanthemum)	Japan		1		Wash.
<i>Chrysanthemum</i> sp.	do	1	1		Hawaii.
† <i>Puccinia coronata</i> Cda.: <i>Avena sativa</i> (oat)	Greece	1			D. C.
† <i>Puccinia glumarum</i> (Schm.) Eriks. & E. Henn.: <i>Fromus</i> sp.	Afghanistan			2	D. C.
<i>Hordeum bulbosum</i> (bulbous barley)	Morocco			1	D. C.
<i>Triticum aestivum</i> (wheat)	Germany, Netherlands	2			Ill., Tex.
† <i>Puccinia graminis</i> Pers. var. <i>tritici</i> Eriks. & E. Henn.: <i>Triticum aestivum</i> (wheat)	Yugoslavia	1			N. Y.
<i>Puccinia horiana</i> P. Henn.: <i>Chrysanthemum</i> sp.	Japan	2	3		Hawaii.
† <i>Puccinia ignava</i> Arth.: Bamboo	China	1			N. Y.
<i>Bambusa</i> sp.	do	1			Calif.*
<i>Puccinia ornithogalli-thyrsoidea</i> Diet.: <i>Ornithogalum thyrsoidea</i> (chinkerichee)	Union of South Africa	5			Mich., N. Y.
† <i>Puccinia rubigo-vera</i> (DC.) Wint. var. <i>tritici</i> (Eriks. & E. Henn.) Carl.: <i>Triticum aestivum</i> (wheat)	Mexico	1			Tex.
† <i>Pucciniastrum sparsum</i> (Wint.) Fisch: <i>Arbutus menziesii</i> (madrone)	Canada			1	Wash.
<i>Pyrenochaeta oryzae</i> Shirai: <i>Oryza sativa</i> (rice)	Japan	1			Calif.*
<i>Pyrenochaeta terrestris</i> (Hans.) Gorenz: <i>Primula</i> sp.	Netherlands			1	N. J.
† <i>Ramularia tulasnei</i> Sacc.: <i>Fragaria</i> sp. (strawberry)	Czechoslovakia			1	Ill.
† <i>Scirrhodopsis bambusae</i> (Turc.) Trott.: <i>Bambusa</i> sp.	China	1			Calif.*
<i>Sclerotiopsis testudinea</i> Dearn.: <i>Paeonia suffruticosa</i> (tree peony)	Japan			37	Calif.*
<i>Selenophoma donacis</i> (Pass.) Sprague & A. G. Johnson var. <i>stomaticola</i> (Baeumler) Sprague & A. G. Johnson: <i>Festuca rubra</i> (red fescue)	Iceland			1	D. C.
† <i>Septoria bromi</i> Sacc.: <i>Bromus</i> sp.	Afghanistan			2	D. C.*
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon)	Greece, Italy		2		Calif.*, Pa.
<i>Citrus paradisi</i> (grapefruit)	Japan		1		Calif.*
<i>Citrus reticulata</i> (Mandarin orange)	Greece, Italy	1			Tex.
<i>Citrus sinensis</i> (orange)	Israel, Japan		3		Calif.*

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Pests (diseases) collected and reported from July 1, 1953, through June 30, 1954—Con.

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
† <i>Septoria exotica</i> Speg.: <i>Hebe</i> sp.....	Ireland.....	1			N. Y.
‡ <i>Septoria nodorum</i> Berk.: <i>Triticum aestivum</i> (wheat).....	Germany.....	2			Ill., N. Y.
<i>Septoria posekensis</i> Sacc.: <i>Coelogyne elata</i> (orchid).....	India.....			1	Calif.*
<i>Cymbidium cochleare</i> (orchid).....	do.....			2	Calif.*
<i>Cymbidium devonianum</i>	do.....			1	Calif.*
<i>Cymbidium whiteae</i>	do.....			1	Calif.*
<i>Cypripedium fairieanum</i> (orchid).....	India.....			2	Calif.*
<i>Laelia autumnalis</i> (orchid).....	Mexico.....			1	Calif.*
<i>Odontoglossum citrosmum</i> (orchid).....	do.....			4	Calif.*, Tex.
Orchid.....	Indonesia, Mexico.....			2	Ariz., Calif.*
† <i>Septoria tritici</i> Desm.: <i>Triticum</i> sp.....	Spain.....	1			Hawaii.
‡ <i>Septoria tritici</i> Desm. f. <i>avenae</i> (Desm.) Sprague: <i>Avena sativa</i> (oat).....	Greece.....	1			Ill.
<i>Avena</i> sp.....	Afghanistan.....			1	D. C.
‡ <i>Septoria veronicae</i> Desm.: <i>Veronica</i> sp.....	Germany.....			1	N. J.
<i>Sphaceloma mangiferae</i> Bitanc. & Jenkins: <i>Mangifera indica</i> (mango).....	Mexico, Puerto Rico.....	4			P. R., Tex.
<i>Sphaceloma punicae</i> Bitanc. & Jenkins: <i>Punica granatum</i> (pomegranate).....	Mexico.....	2			Tex.
<i>Sphenospora kevorkianii</i> Linder: <i>Stelis</i> sp. (orchid).....	Trinidad.....			1	N. J.
<i>Stagonospora macrospora</i> (Dur. & Mont.) Sacc.: <i>Agave</i> sp.....	Mexico.....			2	Ariz., Tex.
<i>Chlorogalum</i> sp. (soap plant).....	do.....	1			Ariz.
‡ <i>Taphrina bullata</i> (Berk. & Br.) Tul. (?): <i>Chaenomeles japonica</i> (Japanese flowering cherry).....	Japan.....			1	Calif.*
<i>Thielaviopsis basicola</i> (Berk. & Br.) Ferr.: <i>Heuchera</i> sp.....	Netherlands.....			1	N. J.
<i>Ilex aquifolium</i> "Polycarpa".....	do.....			1	N. J.
<i>Leucojum hyemale</i> (April snowflake).....	England.....			1	N. J.
<i>Paeonia officinalis</i> (peony).....	Netherlands.....			1	N. J.
<i>Primula denticulata cachemiriana</i>	do.....			1	N. J.
<i>Primula</i> sp.....	Netherlands, Scotland.....			2	N. J.
<i>Scabiosa caucasica</i>	Netherlands.....			1	N. J.
<i>Tolyposporium ehrenbergii</i> (Kuehn) Pat.: <i>Sorghum vulgare</i> (sorghum).....	India.....			1	D. C.
<i>Trematosphaerella oryzae</i> (Miyake) Radw.: <i>Oryza sativa</i> (rice).....	Japan.....	1			Calif.*
<i>Trypethelium eluteriae</i> Spreng. (?): <i>Bombax buonopozense</i>	Cuba.....			1	Fla.
<i>Tylenchus allii</i> Beijerinck: <i>Allium sativum</i> (garlic).....	Mexico.....	1			Tex.
<i>Uredo anthurii</i> (Har.) Sacc.: <i>Anthurium</i> spp.....	Colombia.....			2	N. J., P. R.
<i>Uredo bechnickiana</i> P. Henn.: <i>Cattleya guttata</i> (orchid).....	Brazil.....			1	Fla.
<i>Epidendrum</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Laelia anceps</i> (orchid).....	do.....			4	Tex.
<i>Uredo epidendri</i> P. Henn.: <i>Epidendrum</i> sp. (orchid).....	Colombia, Trinidad.....			2	Calif.*, Fla.
‡ <i>Uredo gynandrearum</i> Cda. (?): Orchid.....	Canal Zone.....			1	Fla.
<i>Uredo nigropuncta</i> P. Henn.: <i>Epidendrum pendens</i> (orchid).....	Costa Rica.....			1	Fla.
<i>Stanhopea</i> sp.....	do.....			1	Fla.
<i>Uredo oncidii</i> P. Henn.: <i>Oncidium cavendishianum</i> (orchid).....	Guatemala.....			1	Tex.
<i>Oncidium cebolleta</i>	Costa Rica.....			1	Fla.
<i>Oncidium</i> sp.....	Dominican Republic, Mexico.....			2	Fla., N. J.
† <i>Urocystis colchici</i> (Schlecht.) Rab.: <i>Colchicum autumnale minor</i> (small autumn crocus).....	Ireland.....			2	N. J.
<i>Urocystis gladiolicola</i> Ains.: <i>Gladiolus</i> sp.....	Netherlands.....			1	N. J.

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Pests (diseases) collected and reported from July 1, 1953, through June 30, 1954—Con.

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Uromyces alyxiae</i> Arth.:					
<i>Alyxia olivaeformis</i> (maile).....	Hawaii.....	1			Hawaii.
<i>Uromyces scillarum</i> (Grev.) Wint.:					
<i>Hyacinthus</i> sp.....	Yugoslavia.....			1	Ill.
† <i>Uromyces scirpi</i> (Cast.) Burr.:					
<i>Scirpus validus</i> (?).....	Portugal.....	1			Pa.
† <i>Ustilago hordei</i> (Pers.) Lagh.:					
<i>Hordeum</i> sp.....	India.....			1	D. C.
† <i>Ustilago kollerii</i> Wille:					
<i>Avena sativa</i> (oat).....	Greece.....	1			Ill.
† <i>Ustilago tritici</i> (Pers.) Rostr.:					
<i>Triticum aestivum</i> (wheat).....	Greece.....	1			Ill.
†Virus—camellia ring spot:					
<i>Camellia japonica</i> (camellia).....	Japan.....			1	Calif.*
<i>Xanthomonas citri</i> (Hasse) Dowson:					
<i>Citrus aurantifolia</i> (sour lime).....	India, Japan, Java.....		7		Calif.*, Mass., Tex.
<i>Citrus aurantifolia</i> (lime).....	Guam.....	1			Hawaii.
<i>Citrus aurantium</i> (sour orange).....	Japan.....		4		Calif.*, Wash.
<i>Citrus grandis</i> (pummelo).....	Formosa.....		1		Calif.*
<i>Citrus ichangensis</i> var. (yuzu).....	Japan.....		1		Tex.
<i>Citrus limon</i> (lemon).....	Japan, Philippines.....		14		Calif.*, Pa., Tex., Wash.
<i>Citrus paradisi</i> (grapefruit).....	Japan, Thailand.....		15		Calif.*, La., St. Thomas & St. John.
<i>Citrus reticulata</i> (Mandarin orange).....	China, Japan.....	3	2		Calif.*, N. Y.
<i>Citrus sinensis</i> (orange).....	China, Japan, Philippines.....	2	37		Calif.*, Hawaii, Md., Oreg., Pa., Tex.
<i>Citrus</i> sp. ("summer orange").....	Japan.....		1		Tex.
† <i>Xanthomonas gummisudans</i> (McCull.) Starr & Burk.:					
<i>Gladiolus</i> sp.....	Costa Rica.....	1			Fla.*
<i>Xanthomonas</i> sp. (?) ("Cancrosis B"):					
<i>Citrus limon</i> (lemon).....	Argentina.....	1	2		Ala., Md., Tex.
<i>Xiphinema diversicaudatum</i> (Micoletzky) Thorne:					
Soil with pepper plant.....	Mexico.....			1	Ariz.

An asterisk (*) indicates State inspection.

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates first record of its interception by Branch inspectors.

Hosts and Diseases

- ACIDANTHERA:**
Macrophomina phaseolina (Deuteromycetes)
- AGAVE:**
Phomopsis gloriosa (Deuteromycetes)
Pleospora gigantea (Ascomycetes)
Stagonospora macrospora (Deuteromycetes)
- AIPHANES:**
Phomopsis palmicola (Deuteromycetes)
- ALLIUM FISTULOSUM:**
Mycosphaerella schoenoprasii (Ascomycetes)
- ALLIUM PORRUM:**
Mycosphaerella schoenoprasii (Ascomycetes)
- ALLIUM SATIVUM:**
Tylenchus allii (Nematoda)
- ALYXIA:**
Uromyces alyxiae (Promycetes)
- ANANAS:**
Curvularia lunata (Deuteromycetes)
Diplodia ananassae (Deuteromycetes)
- ANTHOSCHMIDTIA:**
Colletotrichum graminicola (Deuteromycetes)
- ANTHURIUM:**
Uredo anthurii (Promycetes)
- APIUM:**
† *Cercospora apii* (Deuteromycetes)
- ARACHIS:**
† *Cercospora personata* (Deuteromycetes)
† *Puccinia arachidis* (Promycetes)
- ARAUCARIA:**
Cryptospora longispora (Ascomycetes)
Macrophoma araucariae (Deuteromycetes)
† *Pestalotia micheneri* (Deuteromycetes)
Phoma araucariae (Deuteromycetes)
- ARBUTUS:**
† *Pucciniastrum sparsum* (Promycetes)
- ARECA:**
Colletotrichum arecae (Deuteromycetes)
Gloeosporium catechu (Deuteromycetes)
Phomopsis palmicola (Deuteromycetes)
- ARMERIA:**
Cercospora insulana (Deuteromycetes)
- ARTEMESIA:**
† *Puccinia absinthii* (Promycetes)
- AVENA:**
† *Puccinia coronata* (Promycetes)
† *Septoria tritici* f. *avenae* (Deuteromycetes)
† *Ustilago kollerii* (Promycetes)
- BAMBOO:**
Phyllachora orbicula (Ascomycetes)
† *Puccinia ignava* (Promycetes)
- BAMBUSA:**
† *Puccinia ignava* (Promycetes)
† *Scirrhodopsis bambusae* (Ascomycetes)
- BELAMCANDA:**
Puccinia belamcandae (Promycetes)
- BOMBAX:**
Trypethelium eluteriae (?) (Promycetes)
- BRASSICA:**
† *Phoma lingam* f. *napobrassicae* (Deuteromycetes)
- BRIZA:**
Entyloma brizae (Promycetes)
- BROMELIAD:**
Botryosphaeria ribis (Ascomycetes)
- BROMUS:**
† *Puccinia glumarum* (Promycetes)
† *Septoria bromi* (Deuteromycetes)
- CAMELLIA:**
† Virus—camellia ring spot
- CAMPANULA:**
† *Coleosporium campanulae* (Promycetes)
- CAPSICUM:**
Curvularia lunata (Deuteromycetes)
† *Gloeosporium piperatum* (Deuteromycetes)
- CARICA:**
Asperisporium caricae (Deuteromycetes)
- CASSIA:**
† *Phyllachora canafistulae* (Ascomycetes)
- CATTLEYA:**
Cercospora angraeci (Deuteromycetes)
Uredo behnickiana (Promycetes)
- CEDRUS:**
Pestalotia funerea (Deuteromycetes)
- CHAENOMELES:**
† *Taphrina bullata* (?) (Ascomycetes)
- CHAMAECYPARIS:**
Oospora microcarpa (Deuteromycetes)
- CHAMAEDOREA:**
Aschersonia goldiana (Deuteromycetes)
Aschersonia turbinata (Deuteromycetes)
- CHLOROGALUM:**
Stagonospora macrospora (Deuteromycetes)
- CHRYSANTHEMUM:**
Meloidogyne incognita (Nematoda)
Puccinia chrysanthemi (Promycetes)
Puccinia horiana (Promycetes)
- CITRUS AURANTIFOLIA:**
Elsinoe australis (Ascomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS AURANTIUM:**
Elsinoe australis (Ascomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS GRANDIS:**
Xanthomonas citri (Schizomycetes)
- CITRUS ICHANGENSIS:**
Xanthomonas citri (Schizomycetes)
- CITRUS LIMON:**
Elsinoe australis (Ascomycetes)
Meliola citricola (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Phyllosticta micrococcoides (?) (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (?) ("Cancrosis B") (Schizomycetes)
- CITRUS PARADISI:**
Ascochyta citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA:**
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SINENSIS:**
Ascochyta citri (?) (Deuteromycetes)
Cercospora angolensis (?) (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SP.:**
Cercospora angolensis (?) (Deuteromycetes)
Elsinoe australis (Ascomycetes)¹
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- COCOS:**
Cytospora palmarum (Deuteromycetes)
Diplodia epicocco (Deuteromycetes)
Phomopsis cocoas (Deuteromycetes)
- COELOGYNE:**
Septoria posekensis (Deuteromycetes)
- COLCHICUM:**
† *Urocystis colchici* (Promycetes)
- CORNUS:**
Coryneum microstictum (Deuteromycetes)
- CRATAEGUS:**
† *Fabraea maculata* (Ascomycetes)
- CYMBIDIUM:**
† *Colletotrichum orchidearum* (Deuteromycetes)
Memnoniella echinata (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)
Septoria posekensis (Deuteromycetes)
- CYNODON:**
Phyllachora cynodontis (Ascomycetes)
- CYPRIPEDIUM:**
Septoria posekensis (Deuteromycetes)
- DAHLIA:**
Meloidogyne hapla (Nematoda)
- DENDROBIUM:**
Pestalotia conspicua (Deuteromycetes)
† *Phyllosticta laeliae* (Deuteromycetes)

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Hosts and Diseases—Continued

DIANTHUS:

- †*Fusarium poae* (?) (Deuteromycetes)
 †*Heterosporium echinulatum* (Deuteromycetes)

DRACAENA:

- †*Phyllosticta draconis* (Deuteromycetes)

EPIDENDRUM:

- Pestalotia conspicua* (Deuteromycetes)
 †*Phyllosticta laeliae* (Deuteromycetes)
Uredo behnickiana (Promycetes)
Uredo epidendri (Promycetes)
Uredo nigropuncta (Promycetes)

ERIOBOTRYA:

- †*Fusicladium eriotryae* (Deuteromycetes)

FATSIEDERA:

- Phyllosticta hedericola* (Deuteromycetes)

FESTUCA:

- Selenophoma donacis* var. *stomaticola* (Deuteromycetes)

FICUS:

- †*Gloeosporium elasticum* (Deuteromycetes)

FOENICULUM:

- Fusicladium depressum* (Deuteromycetes)

FRAGARIA:

- †*Mycosphaerella fragariae* (Ascomycetes)
 †*Ramularia tulasnei* (Deuteromycetes)

GARDENIA:

- Omphalia flavida* (Deuteromycetes)

GLADIOLUS:

- Macrophomina phaseolina* (Deuteromycetes)
Urocystis gladiolicola (Promycetes)
 †*Xanthomonas gummisudans* (Schizomycetes)

HEBE:

- †*Septoria exotica* (Deuteromycetes)

HEUCHERA:

- Thielaviopsis basicola* (Deuteromycetes)

HIBISCUS:

- Phoma sabdariffae* (Deuteromycetes)

HORDEUM:

- Puccinia glumarum* (Promycetes)
 †*Ustilago hordei* (Promycetes)

HYACINTHUS:

- †*Acroboloides butschlii* (Nematoda)
Aphelenchus avenae (Nematoda)
Uromyces scillarum (Promycetes)

ILEX:

- Thielaviopsis basicola* (Deuteromycetes)

IPOMOEA:

- Macrophomina phaseolina* (Deuteromycetes)

IRIS:

- †*Heterosporium iridis* (Deuteromycetes)

JUNIPERUS:

- Gymnosporangium juniperinum* (Promycetes)

KALMIA:

- †*Phyllosticta kalmicola* (Deuteromycetes)

LABURNUM:

- Coniothyrium cytisellum* (Deuteromycetes)

LAELIA:

- Septoria posekensis* (Deuteromycetes)
Uredo behnickiana (Promycetes)

LEUCOJUM:

- Thielaviopsis basicola* (Deuteromycetes)

LONICERA:

- †*Phomopsis cryptica* (Deuteromycetes)

LEUCOTHOE:

- Diplodina rostrupii* (Deuteromycetes)

LYCASTE:

- Cercospora cypripedii* (Deuteromycetes)

LYCOPERSICON:

- Helminthosporium carposaprum* (Deuteromycetes)

MALUS:

- †*Cylindrosporium pomi* (Deuteromycetes)
Cytospora mali (Deuteromycetes)
 †*Monilinia fructicola* (Ascomycetes)
Monilinia fructigena (Ascomycetes)

MANGIFERA:

- Cercospora mangiferae* (Deuteromycetes)
Gloeosporium mangiferae (Deuteromycetes)
Sphaceloma mangiferae (Deuteromycetes)

MORUS:

- Eutypella stellulata* (Ascomycetes)

MUSA PARADISIACA SAPIENTUM:

- Cercospora musae* (Deuteromycetes)

MUSA PARADISIACA SAPIENTUM—Con.

- Didymium xanthopus* (Myxomycetes)
 †*Macrophoma musae* (Deuteromycetes)

MYRTUS:

- Cercospora myrticola* (Deuteromycetes)

NARCISSUS:

- Aphelenchoides subtenuis* (Nematoda)
Ditylenchus hyacinthi (Nematoda)
Ophiostoma narcissi (Ascomycetes)

NOTOACTUS:

- Macrophoma opuntiicola* (Deuteromycetes)

ODONTOGLOSSUM:

- Septoria posekensis* (Deuteromycetes)

ONCIDIUM:

- Cladosporium orchidearum* (Deuteromycetes)
Uredo oncidii (Promycetes)

OPUNTIA:

- Macrophoma opuntiicola* (Deuteromycetes)

ORCHID:

- Myiocopron orchideraum* (Deuteromycetes)
Septoria posekensis (Deuteromycetes)
 †*Uredo gynandrearum* (?) (Promycetes)

ORNITHOGALUM:

- Colletotrichum liliacearum* (Deuteromycetes)
Puccinia ornithogali-thyrsoideis (Promycetes)

ORYZA:

- Cladosporium oryzae* (Deuteromycetes)
Epidochium oryzae (Deuteromycetes)
 †*Helminthosporium oryzae* (Deuteromycetes)
Memnoniella echinata (Deuteromycetes)
Mycosphaerella hondai (Ascomycetes)
Nigrospora oryzae (Deuteromycetes)
 †*Piricularia oryzae* (Deuteromycetes)
Pyrenochaeta oryzae (Deuteromycetes)
Trematosphaerella oryzae (Ascomycetes)

PACHYRHIZUS:

- Meloidogyne arenaria* (Nematoda)

PAEONIA:

- Sclerotopsis testudinea* (Deuteromycetes)
Thielaviopsis basicola (Deuteromycetes)

PALM:

- Achorella attaleae* (Ascomycetes)

PANICUM:

- Cerebella andropogonis* (Deuteromycetes)

PASPALUM:

- Cerebella andropogonis* (Deuteromycetes)

PERSEA:

- Cercospora purpurea* (Deuteromycetes)

PHAJUS:

- Coleosporium bletiae* (Promycetes)

PHASEOLUS:

- Elsinoe phaseoli* (Ascomycetes)
 †*Phoma subcircinata* (Deuteromycetes)

PHILODENDRON:

- Colletotrichum philodendri* (Deuteromycetes)
Phyllachora philodendronis (Ascomycetes)

PHLEUM:

- Entyloma camusianum* (Promycetes)

PIPER:

- Colletotrichum piperis* (Deuteromycetes)

PRIMULA:

- Pyrenochaeta terrestris* (Deuteromycetes)
Thielaviopsis basicola (Deuteromycetes)

PRUNUS PERSICA:

- Fusarium orthoceras* (Deuteromycetes)

PRUNUS SP. (cherry):

- †*Coccoomyces hiemalis* (Ascomycetes)

PSIDIUM:

- Pestalotia psidii* (Deuteromycetes)
Phoma psidii (Deuteromycetes)

PUERARIA:

- Dendryphium cladosporioides* (Deuteromycetes)

PUNICA:

- Sphaceloma punicae* (Deuteromycetes)

QUERCUS:

- †*Graphium rigidum* (Deuteromycetes)

RHODODENDRON:

- Cercospora handelii* (Deuteromycetes)
Chrysomyxa rhododendri (Promycetes)
Dasyscypha virginea (Ascomycetes)
Diplodina eurhododendri (Deuteromycetes)
Gloeosporium rhododendri (Deuteromycetes)
Pestalotia rhododendri (Deuteromycetes)

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Hosts and Diseases—Continued

RIBES: <i>Diplodina grossulariae</i> (Deuteromycetes)	SOLANUM: <i>Clonostachys araucaria</i> (Deuteromycetes)
ROSA: † <i>Cercospora rosicola</i> (Deuteromycetes) <i>Kuehneola japonica</i> (Promycetes) <i>Marssonina rosae</i> (Deuteromycetes) † <i>Mycosphaerella rosigena</i> (Ascomycetes) † <i>Phragmidium disciflorum</i> (Promycetes)	SORGHUM: <i>Curvularia lunata</i> (Deuteromycetes) <i>Phoma insidiosa</i> (Deuteromycetes) <i>Tolyposporium ehrenbergii</i> (Promycetes)
RUSCUS: <i>Leptosphaeria rusci</i> (Ascomycetes) <i>Phyllosticta ruscicola</i> (Deuteromycetes)	STANHOPEA: <i>Guignardia traversi</i> (Ascomycetes) <i>Uredo nigropuncta</i> (Promycetes)
SACCHARUM: <i>Papularia vinosa</i> (Deuteromycetes)	STELIS: <i>Sphenospora kevorkianii</i> (Promycetes)
SAGITTARIA: ‡ <i>Doassansia sagittariae</i> (Promycetes)	TRITICUM: † <i>Puccinia glumarum</i> (Promycetes) † <i>Puccinia graminis</i> var. <i>tritici</i> (Promycetes) † <i>Puccinia rubigo-vera</i> var. <i>tritici</i> (Promycetes) † <i>Septoria nodorum</i> (Deuteromycetes) † <i>Septoria tritici</i> (Deuteromycetes) † <i>Ustilago tritici</i> (Promycetes)
SALIX: <i>Cytospora ambiens</i> (Deuteromycetes) ‡ <i>Diplodia salicina</i> (Deuteromycetes)	ULMUS: <i>Cytospora ambiens</i> (Promycetes)
SCABIOSA: <i>Ascochyta scabiosa</i> (Deuteromycetes) <i>Thielaviopsis basicola</i> (Deuteromycetes)	VERONICA: ‡ <i>Septoria veronicae</i> (Deuteromycetes)
SCIRPUS: ‡ <i>Uromyces scirpi</i> (Promycetes)	VITIS: ‡ <i>Isariopsis clavispora</i> (Deuteromycetes) † <i>Phyalospora obtusa</i> (Ascomycetes) † <i>Physopella vitis</i> (Promycetes)
SOIL: <i>Heterodera avenae</i> (Nematoda) <i>Heterodera cacti</i> (Nematoda) <i>Heterodera punctata</i> (Nematoda) <i>Heterodera rostochiensis</i> (Nematoda) <i>Meloidogyne arenaria</i> (?) (Nematoda) <i>Xiphinema diversicaudatum</i> (Nematoda)	ZINGIBER: <i>Fusariella obstipa</i> (Promycetes) <i>Memnoniella echinata</i> (Deuteromycetes)
	ZYGOPETALUM: † <i>Colletotrichum cinctum</i> (Deuteromycetes)

Hosts Unknown

GRASS: <i>Memnoniella echinata</i> (Deuteromycetes)	WOVEN BASKET: <i>Epicoccum cocos</i> (Deuteromycetes)
LEAVES AND GLUMES: † <i>Phyllachora graminis</i> (Ascomycetes)	

Countries of Origin and Diseases

AFGHANISTAN: <i>Entyloma camusianum</i> † <i>Puccinia glumarum</i> ‡ <i>Septoria bromi</i> ‡ <i>Septoria tritici</i> f. <i>avenae</i>	BRAZIL: <i>Ascochyta citri</i> † <i>Colletotrichum cinctum</i> <i>Elsinoe australis</i> ‡ <i>Isariopsis clavispora</i> † <i>Phyllosticta draconis</i> <i>Uredo behnickiana</i>
ANGLO-EGYPTIAN SUDAN: <i>Phoma insidiosa</i>	CANADA: ‡ <i>Cocco myces hiemalis</i> <i>Cytospora ambiens</i> <i>Diplodina grossulariae</i> † <i>Fabraea maculata</i> <i>Heterodera avenae</i> <i>Pestalotia funerea</i> ‡ <i>Pucciniastrum sparsum</i>
ANGOLA: <i>Cercospora angolensis</i> (?)	CANAL ZONE: <i>Phomopsis palmicola</i> ‡ <i>Phyllachora canafistulae</i> ‡ <i>Uredo gynandrearum</i> (?)
ARGENTINA: <i>Elsinoe australis</i> <i>Heterodera cacti</i> <i>Heterodera rostochiensis</i> <i>Macrophoma opunticola</i> <i>Xanthomonas</i> sp. (?) ("Cancrosis B")	CEYLON: <i>Epicoccum cocos</i> † <i>Macrophoma musae</i> † <i>Phyllosticta laeliae</i>
AUSTRALIA: <i>Cerebella andropogonis</i> <i>Cryptospora longispora</i> † <i>Gloeosporium piperatum</i> <i>Heterodera rostochiensis</i> † <i>Heterosporium iridis</i> <i>Macrophoma araucariae</i> <i>Pestalotia conspicua</i> ‡ <i>Pestalotia micheneri</i> <i>Phoma araucariae</i> <i>Phoma citricarpa</i>	CHILE: <i>Heterodera punctata</i>
AUSTRIA: <i>Chrysomyxa rhododendri</i>	CHINA: <i>Dendryphium cladosporioides</i> <i>Fusariella obstipa</i> <i>Memnoniella echinata</i> ‡ <i>Pestalotia micheneri</i> <i>Phoma citricarpa</i> <i>Phyllachora orbicula</i> ‡ <i>Puccinia ignava</i> † <i>Scirrhopthis bambusae</i> <i>Xanthomonas citri</i>
AZORES: <i>Clonostachys araucaria</i> <i>Entyloma brizae</i> † <i>Fusicladium eriobotryae</i>	COLOMBIA: <i>Cercospora cypripedii</i> <i>Cercospora musae</i> <i>Curvularia lunata</i>
BAHAMAS: <i>Eutypella stellulata</i>	
BELGIUM: † <i>Gloeosporium elasticum</i> <i>Heterodera punctata</i> <i>Heterodera rostochiensis</i> <i>Pestalotia rhododendri</i> <i>Phyllosticta hedericola</i>	

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Countries of Origin and Diseases—Continued

COLOMBIA—Continued

Uredo anthurii
Uredo epidendri

COSTA RICA:

† *Fusarium poae* (?)
Phyllachora philodendronis
Uredo nigropuncta
Uredo oncidii
 ‡ *Xanthomonas gummisudans*

CUBA:

Asperisporium caricae
Phoma sabdariffae
Trypethelium eluteriae (?)

CZECHOSLOVAKIA:

† *Ramularia tulasnei*

DENMARK:

Heterodera avenae
Heterodera punctata
Heterodera rostochiensis

DOMINICAN REPUBLIC:

† *Cercospora personata*
Diplodia ananassae
 † *Mycosphaerella fragariae*
 ‡ *Puccinia arachidis*
Uredo oncidii

EGYPT:

Meliola citricola

ENGLAND:

Coryneum microstictum
Cytospora mali
Gloeosporium rhododendri
Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Monilinia fructigena
Ophiostoma narcissi
 † *Phyllosticta kalmicola*
Thielaviopsis basicola

FIJI ISLANDS:

Phoma citricarpa

FORMOSA:

† *Helminthosporium oryzae*
Phoma citricarpa
Xanthomonas citri

FRANCE:

† *Acroboloides butschlii*
Aphelenchoides subtenuis
Aphelenchus avenae
Ditylenchus hyacinthi
Heterodera cacti
Heterodera punctata
 † *Phomopsis cryptica*

GERMANY:

Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
 † *Puccinia glumarum*
 † *Septoria nodorum*
 ‡ *Septoria veronicae*

GREECE:

Cercospora myrticola
 † *Puccinia coronata*
Septoria citri
 ‡ *Septoria tritici* f. *avenae*
 † *Ustilago kolleri*
 † *Ustilago tritici*

GUAM:

Colletotrichum arecae
Diplodia epicoccus
Epicoccum cocos
Gloeosporium catechu
Phomopsis cocoas
Phomopsis palmicola
Xanthomonas citri

GUATEMALA:

† *Phragmidium disciflorum* (?)
Uredo oncidii

HASHEMITE KINGDOM OF THE JORDAN:

Leptosphaeria rusci

HAWAII:

Papularia vinosa
Phoma citricarpa
Uromyces alyxiae

ICELAND:

Selenophoma donacis var. *stomal* so a

INDIA:

Cladosporium oryzae
Coleosporium bletiae
Colletotrichum piperis
Curvularia lunata
Epidochium oryzae
Memnoniella echinata
Nigrospora oryzae
 † *Phyllachora graminis*
 ‡ *Piricularia oryzae*
Puccinia belamcandae
Septoria posekensis
Tolyposporium ehrenbergii
 † *Ustilago hordei*
Xanthomonas citri

INDONESIA:

Septoria posekensis

IRELAND:

Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
 ‡ *Septoria exotica*
 † *Urocystis colchici*

ISRAEL:

Heterodera cacti
Septoria citri

ITALY:

Aphelenchoides subtenuis
 † *Cylindrosporium pomi*
Cytospora ambiens
 ‡ *Diplodia salicina*
Fusicladium depressum
Heterodera avenae
Heterodera cacti
Leptosphaeria rusci
Phyllosticta ruscicola
 † *Puccinia absinthii*
Septoria citri

JAPAN:

Chrysomyxa rhododendri
Fusarium orthoceras
 † *Graphium rigidum*
Heterodera avenae
Heterodera cacti
Kuehneola japonica
Macrophomina phaseolina
Meloidogyne hapla
Meloidogyne incognita
Memnoniella echinata
Mycosphaerella hondai
Mycosphaerella schoenoprasii
Phoma citricarpa
Puccinia chrysanthemi
Puccinia horiana
Pyrenochaeta oryzae
Sclerotiopsis testudinea
Septoria citri
 † *Taphrina bullata* (?)
Trematosphaerella oryzae
 † *Virus—camellia ring spot*
Xanthomonas citri

JAVA:

Xanthomonas citri

MARTINIQUE:

Gloeosporium mangiferae

MEXICO:

Achorella attaleae
Aschersonia goldiana
Aschersonia turbinata
Botryosphaeria ribis
Cercospora angraei
Cercospora insulana
Cercospora mangiferae
Cercospora musae
Cladosporium orchidearum
Colletotrichum philodendri
Didymium xanthopus
 † *Doassansia sagittariae*
Guignardia traversi
Heterodera avenae
Heterodera cacti

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Countries of Origin and Diseases—Continued

MEXICO—Continued

Heterodera punctata
Heterodera rostochiensis
Macrophoma opunticola
Macrophomina phaseolina
Meloidogyne arenaria (?)
Myiocopron orchidearum
Omphalia flavida
Pestalotia psidii
Phoma psidii
Phomopsis gloriosa
Pleospora gigantea
† *Puccinia rubigo-vera* var. *tritici*
Septoria posekensis
Sphaceloma mangiferae
Sphaceloma punicae
Stagonospora macrospora
Tylenchus allii
Uredo behnickiana
Uredo oncidii
Xiphinema diversicaudatum

MOROCCO:

† *Puccinia glumarum*

MOZAMBIQUE:

Phoma citricarpa

NETHERLANDS:

Ascochyta scabiosa
Cercospora handelii
† *Colletotrichum orchidearum*
Coniothyrium cytisellum
Dasyscypha virginea
Diplodina eurhododendri
Diplodina rostrupii
Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Oospora microcarpa
Ophiostoma narcissi
† *Puccinia glumarum*
Pyrenochaeta terrestris
Thielaviopsis basicola
Urocystis gladiolicola

NEW GUINEA:

Pestalotia conspicua

NEW ZEALAND:

† *Monilinia fructicola*
Phoma citricarpa
† *Phoma lingam* f. *napobrassicae*

NORFOLK ISLAND:

Cryptospora longispora
Macrophoma araucariae

† *Pestalotia micheneri*

NORTHERN IRELAND:

Heterodera rostochiensis
Ophiostoma narcissi

NORWAY:

† *Coleosporium campanulae*
Heterodera punctata

PANAMA:

Helminthosporium carposaprum

PARAGUAY:

Elsinoe australis

PERU:

Heterodera rostochiensis

PHILIPPINES:

Diplodia epicoccos
Xanthomonas citri

POLAND:

Heterodera punctata
Heterodera rostochiensis

PORTUGAL:

† *Uromyces scirpi*

PUERTO RICO:

Cerebella andropogonis
Elsinoe phaseoli
† *Phoma subcircinata*
† *Physopella vitis*
Sphaceloma mangiferae

SALVADOR:

† *Cercospora rosicola*
† *Heterosporium echinulatum*

SCOTLAND:

Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Thielaviopsis basicola

SOUTH AMERICA:

Marssonina rosae

SOUTH PACIFIC:

Cytospora palmarum

SPAIN:

Heterodera avenae
Phyllachora cynodontis
† *Septoria tritici*

SWEDEN:

Gymnosporangium juniperinum
Heterodera avenae

SWITZERLAND:

Chrysomyxa rhododendr
Heterodera cacti

TAHITI:

Memnoniella echinata

THAILAND:

Phyllosticta micrococcoides (?)
Xanthomonas citri

TRINIDAD:

Pestalotia conspicua
† *Phyllosticta laeliae*
Sphenospora kevorkianii
Uredo epidendri

UNION OF SOUTH AFRICA:

Ascochyta citri
Colletotrichum graminicola
Colletotrichum liliacearum
Macrophomina phaseolina
Phoma citricarpa
Puccinia ornithogali-thyrsoides

UNKNOWN:

Phoma citricarpa

URUGUAY:

† *Cercospora apii*
Elsinoe australis

VENEZUELA:

Cercospora purpurea
† *Mycosphaerella rosigena*

WALES:

Heterodera punctata

YUGOSLAVIA:

† *Physalospora obtusa*
† *Puccinia graminis* var. *tritici*
Uromyces scillarum

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